

COUNTY  
BOROUGH



OF  
BRIGHTON.

# Annual Report

OF THE

MEDICAL OFFICER OF HEALTH

AND

SCHOOL MEDICAL OFFICER

*FOR THE YEAR 1918.*

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BRIGHTON

The Southern Publishing Co., Ltd., 130, North Street.

HEALTH DEPARTMENT,

TOWN HALL, BRIGHTON,

28th July, 1919.

GENTLEMEN,

I beg to report that the fourteen men who belonged to the Staff before the War and who joined the Army from the Health Office, Sanatorium, Abattoir and School Clinic, are alive and with one or two exceptions are in their usual health. One was severely wounded and has not quite recovered but considering that thirteen have been in France and other theatres of war we have reason to be thankful that we have escaped so lightly.

It is with deep regret that I record the death of Inspector Cuckney on the 21st May of this year. He was in the service of the Health Committee from the year 1899. Throughout he has done excellent work as Superintendent of the Abattoir, Meat Inspector and Inspector under the Food and Drugs Act. His work was arduous and became even heavier in the last three years, as is shown in this report.

I am,

Yours faithfully,

DUNCAN FORBES,

Medical Officer of Health.

TO THE HEALTH COMMITTEE.

### Health Committee :

**Chairman - MR. COUNCILLOR JACKLIN.**

|                        |                      |
|------------------------|----------------------|
| HIS WORSHIP THE MAYOR. | Mr. COUNCILLOR HEUN. |
| Mr. ALDERMAN BURBERRY. | „ „ HARDY.           |
| „ „ LINTOTT.           | „ „ MAJOR.           |
| „ „ TITCOMB.           | „ „ PARRY.           |
| „ „ WELLMAN.           | „ „ PORT.            |
| Mr. COUNCILLOR BLACK.  | „ „ YATES.           |

### Children's Care Sub-Committee :

**Chairman - MR. COUNCILLOR SOUTHALL.**

|                                       |                       |
|---------------------------------------|-----------------------|
| HIS WORSHIP THE MAYOR.                | Mr. COUNCILLOR PORT.  |
| Mr. ALDERMAN WELLMAN<br>(until Nov.). | „ „ WILKINSON.        |
| Mr. COUNCILLOR CANE (from Nov.).      | Mrs. H. GERVIS.       |
| Mr. „ HARDY.                          | Miss M. E. HEATHCOTE. |
| „ „ HEWETT.                           | „ P. LAWRENCE.        |
| „ „ MITCHELL.                         | Mr. J. CARDEN.        |
| „ „ MANSFIELD<br>(from Nov.).         | „ E. LETHBRIDGE.      |

### Maternity and Child Welfare Committee.

**Chairman - MR. COUNCILLOR JACKLIN.**

THE HEALTH COMMITTEE (as above).

|                                |                        |
|--------------------------------|------------------------|
| Mrs. COUNCILLOR JESSIE BLATCH. | Miss GODDEN.           |
| „ „ RYLE.                      | Mr. E. LETHBRIDGE.     |
| „ DALLAWAY.                    | Mrs. PASKE HASELFOOTE. |
| Mr. C. SMITH.                  |                        |

## STATISTICAL.

Civil population as estimated by the Registrar-General, 121,656.

Births, 2,027 { males, 1,022.  
                              { females, 1,005.

Inward transfers, 36; outward transfers, 94.

**Birth Rate** { **14·14 per 1,000** population (136,311).  
                              { 136 per 1,000 { married women between  
                                                                      { 15 and 45 years of age (14,879)

No. of illegitimate children, 1918, Total, 207 { males, 111.  
                                                                      { females, 96.

Percentage for 1910-14 inclusive, 7·6; Percentage for 1917, 12·21.

Births in Workhouse, 36 { legitimate, 7.  
                                              { illegitimate, 29.

**Infantile Mortality, 72 per 1,000** { the number of deaths under one  
                                                                      { year was 146, of these 31 were  
                                                                                              of illegitimate children.

Still Births, 85 certified { doctor, 54.  
                                              by { midwife, 31.

Deaths, 2,166 { males, 1,025.  
                              { females, 1,141.

Inward transfers, 214; outward transfers, 247.

Death Rate, 17·80 per 1,000 (121,656).

|                    |   |                   |   |                         |
|--------------------|---|-------------------|---|-------------------------|
| Residents dying in | { | Asylums, 135      | { | Brighton County Borough |
|                    |   |                   |   | Asylum, 118.            |
|                    |   |                   |   | Others, 17.             |
|                    | { | Poor Law Institu- | { | Brighton, 244.          |
|                    |   | tions, 266        |   | Shoreham, 20.           |
|                    |   |                   |   | Others, 2.              |

Total Dying in Hospitals :—

|                                 |     | Residents. | Non-Residents. |
|---------------------------------|-----|------------|----------------|
| Royal Sussex County Hospital    | ... | 121        | 85             |
| Royal Alexandra Hospital        | ... | 33         | 22             |
| Blind Asylum                    | ... | 1          | —              |
| Women's Hospital                | ... | 2          | 2              |
| Sanatorium { Pulmonary Tubercle | ... | 17         | —              |
| { Other Tubercle                | ... | 1          | —              |
| { Other Diseases                | ... | 24         | 2              |
| French Convalescent Home        | ... | 1          | 4              |
| Outside Hospitals and Homes     | ... | 22         | —              |
| Albion Hill Home                | ... | —          | 2              |
| Brighton Poor Law Institutions  | ... | 244        | 18             |

Deaths in Private Houses, &c. { Residents dying away from Brighton, 30.  
                                              { Deaths of Visitors to Brighton, 112.

\*Deaths of soldiers in Hospitals in Brighton, total 162.

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\* These deaths are NOT included in the total 2,166, or other figures on this page.

## INFANT WELFARE.

The infantile mortality was 72 per 1000, the lowest figure on record for Brighton.

### THE MIDWIVES ACT, 1902.

According to the register there were 34 midwives in practice (19 in private practice). Of the midwives who are practising, 28 have passed a qualifying examination, 6 were in practice at the passing of the Act in 1901; of the latter, two are illiterate. During the year all the registered midwives have been visited; 96 visits were made.

### LYING-IN HOSPITAL, WEST STREET.

The staff of certified midwives at the Lying-in Institution and its branches numbered 6. The total number of confinements attended was 1,033. Of this total, 911 belonged to Brighton, 221 being primiparae and 690 being multiparae; 30 pupils were trained during 1918, of whom 28 obtained the Central Midwives Board Certificate.

Fees charged for midwifery :—Primipara, 10s.; Multipara, 6s. Ante-natal examinations, 332.

Puerperal Fever and Ophthalmia (see Table, page 47).

### NOTIFICATION OF BIRTHS.

(For number notified, see page 35.)

|                                              |     |     |     |     |      |
|----------------------------------------------|-----|-----|-----|-----|------|
| Total number of visits by Health Visitors    | ... | ... | ... | ... | 7277 |
| Number of infants born during 1918 visited   | ... | ... | ... | ... | 1181 |
| Average number of visits paid to each infant | ... | ... | ... | ... | 5    |
| Number of visits to children 1-5             | ... | ... | ... | ... | 1504 |

### INFANT WELFARE CENTRES.—(4 in number.)

#### STATISTICS FOR 12 MONTHS ENDING DECEMBER 31ST, 1918 :—

|                                    |     |     |      |
|------------------------------------|-----|-----|------|
| (a) Number of individual mothers   | ... | ... | 637  |
| infants                            | ... | ... | 649  |
| Other children under school age    | ... | ... | 350  |
| (b) Number of attendances, mothers | ... | ... | 2609 |
| infants                            | ... | ... | 2745 |
| Other children under school age    | ... | ... | 392  |

During 1918 the following monies were spent on expectant and nursing mothers and weakly infants :—

|                                                                                 |     |     |     |                      |    |     |
|---------------------------------------------------------------------------------|-----|-----|-----|----------------------|----|-----|
| Milk for nursing mothers                                                        | ... | ... | ... | £34                  | 19 | 4½  |
| Home Helps                                                                      | ... | ... | ... | 11                   | 15 | 0   |
| Milk for weakly children                                                        | ... | ... | ... | 6                    | 18 | 11½ |
| Allowance to mother of twins for her to stay from work to nurse her children... |     |     |     | 2                    | 7  | 6   |
| Illness of mother after confinement                                             | ... |     |     | 1                    | 0  | 0   |
| Child's support for Tibia                                                       | ... | ... | ... | 1                    | 1  | 0   |
| Midwifery Fee                                                                   | ... | ... | ... | 0                    | 6  | 0   |
| Clothing                                                                        | ... | ... | ... | 0                    | 3  | 11  |
|                                                                                 |     |     |     | <hr/> £58 11 9 <hr/> |    |     |

## INFECTIOUS DISEASES.

## EPIDEMIC CEREBRO-SPINAL MENINGITIS.

## ACUTE ANTERIOR POLIOMYELITIS.

(See Table, page 47.)

## INFANTILE DIARRHOEA.

During the year, 17 children under two years of age died from summer diarrhoea.

## ENTERIC FEVER.

An outbreak occurred in the spring in which 12 persons were attacked by enteric or other febrile illness, the history indicating that probably all of these were true cases of enteric fever.

A page boy, B.X., aged 15, was away from work at Hospital Y for one week early in March with an attack of fever, supposed to be influenza. He again felt ill and had headache on 13th May, but continued at work.

M. X., aged 18, the brother of B. X. failed with enteric fever on 29th April.

At Hospital Y, two maids, N. C. (Widal incomplete + 7th June) and J. I. (Widal + 24th June), who had meals with B. X., failed with severe attacks on April 28th. Later a patient in the hospital developed enteric fever (onset 3rd June, widal + 9th June).

Mrs. G. (Widal—June), who visited the family X. from time to time had an illness about April 8th, characterised by vomiting and diarrhoea, and her brother, aged 39, had onset of severe enteric fever on 10th May.

The family X. lived at 49 D——Street.

At 43 D—— Street, three doors away, four members of one family, K., had typical attacks of enteric fever, daughter, 19, son, 17, husband, 48, wife 48, with onsets on 30th April and 3rd, 9th and 9th May. The X. family knew but did not visit the K.'s.

At 7 D—— Street, Mrs. C., aged 40 (Widal + 23rd May), the “ greatest friend ” of Mrs. X., had a bad illness, onset 14th May.

At 50 D—— Street, Mrs. U. (blood not tested) had a febrile illness, onset 1st May.

The close connection between all these cases is very evident. It is easy to understand how X. might have infected foods eaten by the two maids at the hospital, and how similarly he might have infected the hospital patient.

The method of infection, direct or indirect, of visitors to the house is also easy to imagine (Mrs. G. and Mrs. C.). It is more difficult to explain the infection of the K.'s and Mrs. U., who were not on intimate terms with family X.

The only other cases of enteric fever in Brighton about that time were two occurring at 80 and 82, E—— Road, over  $1\frac{1}{2}$  miles away. F., aged 19, 82, E—— Road, had her onset on 28th April, and the same evening played with and had M., aged 6, from 80, E—— Road on her lap. The latter had his onset on the 8th May. In this case there was direct contact.

The mother of the boy aged 6, had enteric fever in 1911. Samples of her faeces were taken on two occasions with negative result; still, the mother was probably the primary source of infection,

*Measles and German Measles notified during 1918.*

| Notification received from        | Measles. | German Measles |
|-----------------------------------|----------|----------------|
| Doctors ... ..                    | 558      | 46             |
| Parents ... ..                    | 68       | —              |
| School Teachers ... ..            | 112      | 1              |
| School Attendance Officers ... .. | 35       | 1              |
| Public Health Staff ... ..        | 269      | 3              |
|                                   | 1042     | 51             |

*Ages of known cases of Measles from 1910-1918 inclusive.*

|             |     |     |    | TOTAL CASES OF MEASLES NOTIFIED |       |                          | Total for years 1910-1918 inclusive. |       |     |       |     |     |
|-------------|-----|-----|----|---------------------------------|-------|--------------------------|--------------------------------------|-------|-----|-------|-----|-----|
|             |     |     |    | during epidemic 1910-11         |       | during epidemic 1917-18. |                                      |       |     |       |     |     |
|             |     |     |    |                                 | Dths. | %                        |                                      | Dths. | %   |       |     |     |
| 0— 3 months | ... | 4   | 2  | 50                              | 5     | —                        | —                                    | 20    | 3   | 15    |     |     |
| 3— 6        | ... | 18  | 2  | 11                              | 22    | 1                        | 5                                    | 71    | 4   | 6     |     |     |
| 6— 9        | ... | 40  | 2  | 5                               | 68    | 4                        | 6                                    | 168   | 11  | 7     |     |     |
| 9—12        | ... | 45  | 11 | 24                              | 73    | 3                        | 4                                    | 186   | 26  | 14    |     |     |
| 1— 2 years  | ... | 189 | 30 | 16                              | 381   | 25                       | 7                                    | 841   | 83  | 10    |     |     |
| 2— 3        | ... | 209 | 15 | 7                               | 421   | 17                       | 4                                    | 915   | 46  | 5     |     |     |
| 3— 4        | ... | 257 | 12 | 5                               | 512   | 6                        | 1                                    | 1157  | 24  | 2     |     |     |
| 4— 5        | ... | 362 | 2  | .6                              | 568   | 9                        | 2                                    | 1412  | 18  | 1     |     |     |
| 5— 6        | ... | 504 | 8  | 2                               | 698   | 6                        | 1                                    | 1978  | 41  | .7    |     |     |
| 6— 7        | ... | 431 | 2  | .5                              | 580   | 6                        | 1                                    | 1597  |     |       |     |     |
| 7— 8        | ... | 224 | —  | —                               | 314   | 1                        | .3                                   | 825   |     |       |     |     |
| 8— 9        | ... | 103 | 1  | 1                               | 155   | 2                        | 1                                    | 359   |     |       |     |     |
| 9—10        | ... | 36  | —  | —                               | 96    | —                        | —                                    | 189   | 576 | 1     |     |     |
| 10—11       | ... | 54  | 1  | 2                               | 57    |                          |                                      |       |     |       |     |     |
| 11—12       | ... |     |    |                                 | 44    |                          |                                      |       |     |       |     |     |
| 12—13       | ... |     |    |                                 | 35    |                          |                                      |       |     |       |     |     |
| 13—14       | ... |     |    |                                 | 24    |                          |                                      |       |     |       |     |     |
| 14+         | ... |     |    |                                 | 171   |                          |                                      |       |     |       |     |     |
|             |     |     |    | 2476                            | 88    | 3.6                      | 4224                                 | 80    | 1.9 | 10294 | 257 | 2.5 |

Twenty-nine cases of Measles were nursed by the Queen's Nurses, who paid 414 visits to these patients.

**WHOOPING COUGH.**

541 cases were notified in 345 houses; 17 deaths occurred.

## INFLUENZA.

From the table below the contrast between the epidemics of 1918 and the outbreaks in the nineties is apparent. In 1918 most deaths occurred in the age period 25 to 35 although many men belonging to that age period had been withdrawn for military service, also children under five suffered more in 1918 than in the nineties. In the outbreaks in the nineties the number of deaths steadily increased from the 5 to 15 age period to the 65 to 75 age period.

|                    | Deaths from<br>Influenza. | 0-5 | 5-15 | 15-25 | 25-35 | 35-45 | 45-55 | 55-65 | 65-75 | 75  | Total. |
|--------------------|---------------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|--------|
|                    |                           |     |      |       |       |       |       |       |       |     |        |
| Actual<br>Figures. | Years<br>1890-1899        | 47  | 12   | 22    | 28    | 53    | 72    | 110   | 143   | 116 | 603    |
|                    | Year 1918                 | 43  | 40   | 61    | 89    | 51    | 32    | 19    | 23    | 9   | 367    |
| Per-<br>centage.   | Years<br>1890-1899        | 8   | 2    | 4     | 5     | 9     | 12    | 18    | 29    | 19  | —      |
|                    | Year 1918                 | 12  | 11   | 17    | 24    | 14    | 9     | 5     | 6     | 2   | —      |

The following is a table giving the deaths registered from influenza from 6th July to 28th December, 1918, also the deaths from pneumonia and pulmonary tuberculosis.

| Week ending                         | Deaths from     |                               |                | Week ending | Deaths from     |                               |                |
|-------------------------------------|-----------------|-------------------------------|----------------|-------------|-----------------|-------------------------------|----------------|
|                                     | Influ-<br>enza. | Pneu-<br>monia<br>(all forms) | Phthi-<br>sis. |             | Influ-<br>enza. | Pneu-<br>monia<br>(all forms) | Phthi-<br>sis. |
| 4 weeks (June 1st<br>ending „ 29th) | —               | 4                             | 11             |             |                 |                               |                |
| July 6th ...                        | —               | 7                             | 14             | October 5th | 1               | 2                             | 3              |
| „ 13th ...                          | 3               | 3                             | 5              | „ 12th      | 4               | 4                             | 3              |
| „ 20th ...                          | 4               | 1                             | 2              | „ 19th      | 20              | 5                             | 4              |
| „ 27th ...                          | 3               | 3                             | 3              | „ 26th      | 63              | 16                            | 9              |
| August 3rd                          | 4               | 4                             | 1              | Nov. 2nd    | 78              | 22                            | 8              |
| „ 10th                              | 3               | —                             | 7              | „ 9th       | 76              | 20                            | 6              |
| „ 17th                              | —               | 4                             | 4              | „ 16th      | 30              | 8                             | 3              |
| „ 24th                              | —               | 2                             | 1              | „ 23rd      | 14              | 5                             | 4              |
| „ 31st                              | 1               | 1                             | 2              | „ 30th      | 9               | 2                             | 5              |
| Sept. 7th                           | —               | 1                             | 4              | Dec. 7th    | 9               | 2                             | 4              |
| „ 14th                              | —               | 1                             | 4              | „ 14th      | 3               | 3                             | 1              |
| „ 21st                              | 2               | —                             | 4              | „ 21st      | 3               | 1                             | 2              |
| „ 28th                              | —               | —                             | —              | „ 28th      | 1               | 1                             | 1              |

The increase in the deaths from influenza was accompanied by an increase in deaths from pneumonia and in the autumn outbreak by an increase in the deaths from pulmonary tuberculosis. The recorded increase of deaths from pneumonia is shown to be of doubtful significance by comparison of the certificates of deaths signed by various practitioners working in the same districts, the proportion of deaths from influenza to pneumonia varying enormously. One doctor during the outbreak certified 28 deaths as pneumonia and only 4 as influenza.

## 271 DEATHS FROM INFLUENZA INQUIRED INTO.

Patients were advised to go to bed immediately they were attacked in order to prevent the spread of infection, also to lessen the severity of the attack and to avoid complications. Undoubtedly this advice was excellent, at the same time a large proportion of persons who died did take to their bed at once, *showing that a majority of fatal cases were severe from the onset*, as shown by the table below :—

|              |               |     |           |     |     |
|--------------|---------------|-----|-----------|-----|-----|
| In bed from  | date of onset | ... | ...       | ... | 159 |
| „ „ „        | 2nd day       | ... | ...       | ... | 48  |
| „ „ „        | 3rd „         | ... | ...       | ... | 24  |
| „ „ „        | 4th „         | ... | ...       | ... | 10  |
| „ „ „        | 5th „         | ... | ...       | ... | 15  |
| „ „ „        | 6th „         | ... | ...       | ... | 4   |
| „ „ „        | 7th „         | ... | ...       | ... | 2   |
| „ „ „        | 9th „         | ... | ...       | ... | 3   |
| „ „ „        | 11th „        | ... | ...       | ... | 2   |
| „ „ „        | 20th „        | ... | ...       | ... | 1   |
| „ „ „        | 22nd „        | ... | ...       | ... | 1   |
|              |               |     | Bedridden |     | 2   |
| TOTAL ... .. |               |     |           |     | 271 |

The greatest number of deaths occur from the 6th to the 13th day of illness, the maximum being reached on the 9th day as shown in the table below.

| No. of days<br>between onset<br>and death. | No. of cases. | No. of days<br>between onset<br>and death. | No. of cases. |
|--------------------------------------------|---------------|--------------------------------------------|---------------|
|                                            |               | Brought forward ...                        | 251           |
| 1                                          | 1             | 17                                         | 1             |
| 2                                          | —             | 18                                         | 2             |
| 3                                          | 8             | 19                                         | 1             |
| 4                                          | 8             | 20                                         | 2             |
| 5                                          | 16            | 22                                         | 1             |
| 6                                          | 25            | 23                                         | 1             |
| 7                                          | 27            | 28                                         | 2             |
| 8                                          | 37            | 29                                         | 2             |
| 9                                          | 34            | 31                                         | 3             |
| 10                                         | 23            | 38                                         | 1             |
| 11                                         | 23            | 40                                         | 1             |
| 12                                         | 16            | 43                                         | 1             |
| 13                                         | 10            | 44                                         | 1             |
| 14                                         | 3             | 51                                         | 1             |
| 15                                         | 16            |                                            |               |
| 16                                         | 4             |                                            |               |
| Carried forward                            | 251           |                                            | Total 271     |

## INFLUENZA IN SCHOOLS.

The first information that influenza was affecting great numbers came from the schools. The spread was very rapid as instanced by the first school reporting to me. At Preston Road Infants' School, on Thursday, 10th October, the attendance was 155; on Monday, the 14th it was only 73. The epidemic did not equally affect the boys' and girls' departments. These two facts indicate that the disease was contracted in school.

From the 14th to 21st October some 40 departments were closed usually on account of 30 per cent. or over being absent in one or other department but in one or two instances on account of illness amongst the teaching staff.

On 22nd October, all Elementary Schools were closed for a period of four weeks, to re-open on 18th November. The Sunday Schools were closed for the corresponding Sundays including the 17th November. Sunday School Superintendents have loyally acted on my advice in this matter, still it is desirable that the Health Authority should have power to compulsorily close Sunday Schools and also have power to insist on equal sanitary conditions for Day and Sunday Schools. The Sunday School Superintendents would welcome such powers being given to Health Authorities as it would ensure that all children from affected districts were excluded; at times I receive letters saying, "I shall gladly close if you can give me some assurance that my immediate neighbours are also closing." The power to close should be extended not only to Sunday Schools but to all children's meetings and gatherings, Sunday School treats and other entertainments for children; as suggested later, it should also be within the power of local authorities to require theatres and cinemas to refuse admission to children. At the time of School and Sunday School closures on account of Measles last year the cinema proprietors were approached, but my request for the exclusion of children met with little response; this shows that local powers to insist on exclusion are necessary.

#### INFLUENZA IN THE SECONDARY SCHOOLS.

(These schools were not closed).

Reliable and valuable information was got together by the Heads of these schools, Mr. W. J. Stainer and Miss Ellis.

##### BOYS' SCHOOL.

Of 690 boys on the roll, 39 or 6 per cent. failed in summer term, 1918, and of these 39, 5 or 13 per cent. were attacked in the autumn.

Of the 651 who had no known attack in summer, 159 or 24 per cent. were attacked in the autumn.

Of the 492 remaining with no history of attack during 1918, 48 or 7 per cent. were attacked in the spring of 1919.

Of the 164 who were attacked either during the summer or autumn of 1918, 15 or 8 per cent. were attacked in the spring of 1919.

The summer attacks seem to have given some degree of immunity from attack in the autumn, on the other hand, summer and autumn attacks seem to have given no defence against a spring attack.

##### GIRLS' SCHOOL.

Of 447 girls on the roll, 72 or 16.5 per cent. failed in the summer term of whom 6 or 8 per cent. were attacked in the autumn. Of the 375 who had no known attack in summer, 98 or 26 per cent. were attacked in the autumn.

Of the 277 remaining with no history of an attack during 1918, 44 or 16 per cent. were attacked in the spring of 1919.

Of the 170 who were attacked during the summer or autumn of 1918, 8 or 5 per cent. were attacked in the spring of 1919.

From the Girls' School figures, one would judge that an attack in summer protected in considerable degree against an autumn attack and similarly, attacks in summer or autumn protected against a spring attack.

The results from the two schools are therefore, partially contradictory.

#### COMBINED ROLL, 1,137.

Of 111 attacked in summer, 10 per cent. attacked in autumn.

Of 1,026 not attacked in summer, 25 per cent. attacked in autumn.

Of 368 attacked in 1918, 6 per cent. attacked in spring, 1919.

Of 769 not attacked in 1918, 10 per cent. attacked in spring, 1919.

*The combined figures favour the view that one attack protects to a certain extent from later attacks.*

Five scholars had second attacks or relapses shortly after their first attacks.

Two are reported as having been attacked in summer, autumn and spring.

*The above evidence conclusively proves that second attacks in any one year are frequent.*

#### OUTBREAK AT THE SANATORIUM.

The spread of infection in the wards for consumptives at the Sanatorium.

At the beginning of October in the female phthisis and joint wards there were 37 patients, 27 cases of pulmonary tubercle and 10 cases of tuberculosis of joints. On the 2nd October, two nurses developed influenza and one maid a sore throat. Thereafter, according to date the number of onsets were as follows :—

| October | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | Total |
|---------|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|-------|
|         | 3 | 1 | — | 2 | — | 1 | 1 | 1  | 2  | 3  | 12 | 1  | —  | —  | 1  | 28    |

Of these, two died, both of whom suffered from advanced disease. None of the remaining 26 patients developed pneumonia, being nursed under open-air conditions; they lost weight rapidly but regained it quickly after the illness passed. They suffered no permanent set back.

In the male ward there were 23 patients suffering from pulmonary tubercle and no case occurred amongst these although the patients had visitors twice weekly and many went home on Sundays.

Visitors to the hospital saw patients in the open air or sat at the end of the bed. Patients were warned not to ride in tramcars and in case of illness at home neither to visit their homes nor have visitors from their homes. No other precautions were taken.

## TREATMENT IN HOSPITAL.

At the Infirmary, Dr. Ross informs me that, in 1918, at the Brighton Infirmary, 141 patients with influenza were treated, of whom 24 or 17 per cent died. 12 of those patients belonged to the staff and 23 were inmates of the Workhouse.

In the spring of 1919 seven cases of influenza and pneumonia were removed from crowded houses to the Sanatorium. Of these, four died.

## TO COMBAT THE EPIDEMIC THE FOLLOWING STEPS WERE TAKEN.

- (1) The closure of schools and Sunday Schools as mentioned above,
- (2) An appeal was made to cinema proprietors to keep their halls properly ventilated during the performances,
- (3) The manager of the tramways and Messrs. Tillings were approached with regard to the ventilation of trams and buses and the avoidance of over-crowding. The ventilators in the front doors of the trams are now kept open continuously.
- (4) The Railway Company was also approached,
- (5) Some thousands of copies of the pamphlet set out below were distributed to scholars by the Head Master of the Secondary Boys' School and to the public by the kindness of the director of the Library and the manager of the tramways. Five thousand copies were printed.
- (6) In the Library, General Post Office and at the Secondary Girls' School, formalin in a solution of two ounces to the gallon was sprinkled on the floor in the morning prior to the entry of the public and scholars. It was of a strength to cause no more than slight smarting of the eyes. The vapour inhaled increased the nasal secretion and so washed out any infection and at the same time may have acted as a mild disinfectant.

HEALTH DEPARTMENT,

TOWN HALL, BRIGHTON,

*October, 1918.*

## INFLUENZA.

Influenza is usually a short sharp illness with sudden onset, bad headache, pains all over, cough and frequently all the symptoms of a cold in the head.

In mild cases constitutional symptoms are absent and the patient seems to suffer from an ordinary cold and is able to be about. These mild cases are highly infectious and spread the disease.

## HOW TO AVOID INFECTION.

Do not go to indoor gatherings.

Travel as little as possible in trains or inside cars or buses.

Do not visit friends with colds and do not allow them to visit you.

Give up shaking hands for the present ; give up kissing for all time.

Put a few drops of eucalyptus, pine oil or diluted formalin on your handkerchief in the morning and inhale at intervals during the day, and particularly after being near a person with a cold.

Wash the hands before meals and wash out the nose by drawing up water into it at that time.

Have your own towel ; never use the common towel.

Take drugs only when prescribed by a doctor.

Keep fit by taking exercise in the open air.

#### IF ATTACKED.

The sooner you go to bed the less serious and shorter will your illness be.

An attack weakens you more than you think, therefore do not hurry convalescence.

DUNCAN FORBES, M.D.,  
Medical Officer of Health.

#### PRECAUTION AGAINST SPREAD IN CINEMAS.

As the life of the organism outside the human body is of short duration there is nothing to be gained by disinfecting the halls and the proprietors have been advised accordingly.

With regard to the spraying into the air of halls of various so-called disinfectants, it is doubtful if these do any good whatsoever, and some authoritative statement from the Local Government Board on the matter would be welcome as much money is wasted by well-meaning people in this way. Neither is there any apparent object in clearing the halls at intervals so long as the halls are kept properly ventilated. The advice given by many authorities regarding this matter reminds one of the practices of our forefathers who insisted on having bedroom windows wide open during the day but tightly shut during the night. The danger really lies in bringing people together in stagnant air as they are brought together in public halls, in churches and in cinemas where the fan is not kept running *during* the performance.

With regard to the Brighton cinemas, the Council insisted in 1915, that, prior to a renewal of licence they should be provided with proper means of ventilation. Alterations were made at practically all the cinemas to meet the requirements of the local authority, electric fans being installed in all with one exception.

In any future Regulations made to prevent the spread of influenza and other infectious diseases the local authorities should be given power to close cinemas to children on the advice of their Medical Officer of Health, also to insist that the ventilation should be continuous and to the satisfaction of the Medical Officer of Health.

#### VACCINE USED FOR PREVENTIVE PURPOSES.

The following vaccine issued by the Local Government Board was used in two doses of .5 and 1 c.c. administered with an interval of 10 days between the inoculations—"each c.c. contains B. Influenzae—60 millions, Pneumococci—200 millions, Streptococci—80 millions."

On 15th February, 1919, all general practitioners in Brighton were informed that they could have "preventive" vaccine for use free of charge. Sixteen took advantage of the offer and vaccinated 56 persons, giving an

average per doctor of 3 patients. This shows that if a further issue of vaccine is made it might be put up in 10 c.c. amounts in addition to 25 c.c. as at present, 25 c.c. being sufficient for the vaccination of 16 persons. General practitioners were also invited to send patients to the Health Office for vaccination if they so desired and 11 patients attended.

The teachers in the elementary schools, the Queen's Nurses, who are the district nurses for Brighton, and the Town Hall staff were offered vaccination and 35, 19 and 16, a total of 70, attended. Thirty-three or nearly one-half had suffered from influenza during 1918 and three of these who had suffered from influenza (one in June and two in October, 1918) had second attacks, one three days after the first inoculation, one four days and one five days after their second inoculations. Of the remaining 37 who had no history of an attack of influenza during 1918 :—

Of 8 who were Queen's Nurses in regular attendance on influenza cases, 1 developed a severe attack complicated by pneumonia three days after the first inoculation ;

Of 15 who were teachers, 1 developed a mild attack four days after the first inoculation ;

Of 14 who belonged to the Town Hall staff, 2 developed influenza four days after their second inoculation.

These histories are summarised as follows ;

#### PERSONS SAID TO HAVE SUFFERED FROM INFLUENZA DURING 1918.

33, of whom 3 developed influenza after inoculation, 1, three days after the first inoculation and 2, four days and five days after the second inoculation.

#### PERSONS GIVING NO HISTORY OF HAVING SUFFERED FROM INFLUENZA DURING 1918.

37, of whom 4 developed influenza, 2, three and four days after the first inoculation and 2, four and four days after the second inoculation.

Of the 56 persons inoculated by doctors and whose histories as to previous attacks of influenza are unknown, 2 developed attacks of influenza three days and four days after the first inoculation.

#### INOCULATION AND SUSCEPTIBILITY.

Of 126 persons inoculated, nine developed influenza within five days of inoculation and none thereafter. *Those figures certainly point to an increased susceptibility to infection following immediately after inoculation and less certainly to a lessened susceptibility thereafter.*

#### REACTION TO VACCINE.

Local tenderness was frequently complained of at the site of inoculation. Slight headache, "heaviness" and stuffiness of the nose were also mentioned. Fainting in bed on the second night after inoculation was reported in a general practitioner's case.

Although no serious effect was reported, Friday, if possible, should be chosen as inoculation day as it allows relaxation from strenuous work on the second and third days. It is convenient to give the second dose one week or preferably two weeks instead of 10 days after the first inoculation as recommended.

## TUBERCULOUS DISEASES.

The table below gives statistics in relation to pulmonary tubercle :—

| Year. | PHTHISIS.             |                   |                            |                           |                                               |                                                        |                                             |                 | Average stay in Hospital in weeks. | Total weeks in Hospital. | Treatment at Dispensary. |                          |                                  |      | Total number of attendances at Dispensary. |
|-------|-----------------------|-------------------|----------------------------|---------------------------|-----------------------------------------------|--------------------------------------------------------|---------------------------------------------|-----------------|------------------------------------|--------------------------|--------------------------|--------------------------|----------------------------------|------|--------------------------------------------|
|       | Annual No. of deaths. | Rate per 100,000. | No. of new cases notified. | No. of cases re-notified. | New cases notified per 100,000 of population. | Total No. of cases admitted to the Borough Sanatorium. | No. of cases re-admitted to the Sanatorium. | Total patients. |                                    |                          | New patients.            | No. receiving tuberculin | No. of injections of tuberculin. |      |                                            |
| 1918  | 221                   | 182               | 431                        | 401                       | 354                                           | 147                                                    | 19                                          | 17              | 2494                               | 27                       | 13                       | 21                       | 384                              | 1481 |                                            |

## Summary of notifications :—

| AGE PERIODS.          | NOTIFICATIONS ON FORM A.         |        |         |          |          |          |          |          |          |          |                  |                              |                               |
|-----------------------|----------------------------------|--------|---------|----------|----------|----------|----------|----------|----------|----------|------------------|------------------------------|-------------------------------|
|                       | Number of Primary Notifications. |        |         |          |          |          |          |          |          |          |                  |                              | Total Notifications on Form A |
|                       | 0 to 1                           | 1 to 5 | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 25 | 25 to 35 | 35 to 45 | 45 to 55 | 55 to 65 | 65 & up-<br>w'ds | Total Primary Notifications. |                               |
| Pulmonary Males ...   | —                                | 2      | 7       | 5        | 22       | 23       | 59       | 72       | 48       | 11       | 8                | 257                          | 291                           |
| Pulmonary Females ... | —                                | 1      | 3       | 14       | 19       | 34       | 42       | 27       | 14       | 14       | 5                | 173                          | 191                           |
| Non-pulmonary Males   | —                                | 14     | 13      | 8        | 9        | 5        | 5        | 2        | —        | —        | 1                | 57                           | 59                            |
| Non-pulmonary Females | 4                                | 8      | 17      | 10       | 4        | 4        | 4        | 6        | —        | 1        | 2                | 80                           | 65                            |

|                              | NOTIFICATIONS ON FORM B.         |         |          |                                         |                                           | NUMBER OF NOTIFICATIONS ON FORM C. |                 |
|------------------------------|----------------------------------|---------|----------|-----------------------------------------|-------------------------------------------|------------------------------------|-----------------|
|                              | Number of Primary Notifications. |         |          |                                         | Total<br>Notifica-<br>tions on<br>Form B. | Poor<br>Law<br>Institu-<br>tions.  | Sana-<br>toria. |
|                              | Under 5                          | 5 to 10 | 10 to 15 | Total<br>Primary<br>Notifi-<br>cations. |                                           |                                    |                 |
| Pulmonary Males              | —                                | 1       | —        | 1                                       | 2                                         | 21                                 | 85              |
| „ Females                    | —                                | —       | —        | —                                       | —                                         | 11                                 | 67              |
| Non-Pulmonary<br>Males ...   | —                                | 4       | 1        | 5                                       | 6                                         | 2                                  | 6               |
| Non-Pulmonary<br>Females ... | —                                | 2       | 2        | 4                                       | 5                                         | 2                                  | 3               |

Particulars of the examinations made in connection with the Tuberculosis Dispensary during 1918:—

|                                | Total | Insured.          |       |                           |       |          |       | Non-Insured.      |       |                           |       |           |       |
|--------------------------------|-------|-------------------|-------|---------------------------|-------|----------|-------|-------------------|-------|---------------------------|-------|-----------|-------|
|                                |       | Tuber-<br>culous. |       | Non-<br>Tuber-<br>culous. |       | Doubtful |       | Tuber-<br>culous. |       | Non-<br>Tuber-<br>culous. |       | Doubtful. |       |
|                                |       | 1st.              | Later | 1st.                      | Later | 1st.     | Later | 1st.              | Later | 1st.                      | Later | 1st.      | Later |
| At the Town Hall...            | 790   | 163               | 204   | 33                        | 10    | 52       | 23    | 108               | 65    | 53                        | 12    | 46        | 21    |
| In the Patients' Homes ...     | 19    | 9                 | ...   | ...                       | ...   | ...      | ...   | 4                 | 3     | 2                         | ...   | ...       | 1     |
| Ditto, with Doctor present ... | 2     | ...               | ...   | ...                       | ...   | ...      | ...   | 2                 | ...   | ...                       | ...   | ...       | ...   |
| Totals ...                     | 811   | 172               | 204   | 33                        | 10    | 52       | 23    | 114               | 68    | 55                        | 12    | 46        | 22    |

The above table shows that 811 examinations were made; this is the highest figure yet recorded. The proportion of non-tuberculous is high owing to the large numbers of men sent to us for examination prior to their entering the army. The family contacts of school age were examined at the School Clinic and their numbers are set out in the table below.

#### TUBERCULOSIS CONTACTS OF SCHOOL AGE.

| Result of examination. | Ages. |      |       |
|------------------------|-------|------|-------|
|                        | 1-5   | 5-10 | 10-15 |
| Not Tubercular ...     | 1     | 9    | 25    |
| Under observation ...  | —     | 3    | 5     |
| Tubercular ...         | —     | —    | —     |

#### SUMMARY OF DENTAL WORK AT SANATORIUM, 1918.

|           | EXTRACTION            |                    | SCALING. |       | FILLING. | DRESS-<br>ING. |
|-----------|-----------------------|--------------------|----------|-------|----------|----------------|
|           | Local<br>Anaesthetic. | No<br>Anaesthetic. | Upper    | Lower |          |                |
| Men ...   | 8                     | —                  | —        | —     | 4        | 8              |
| Women ... | 24                    | 1                  | 2        | 1     | 27       | 8              |
| Boys ...  | 2                     | 4                  | 1        | 1     | 10       | 4              |
| Girls ... | 1                     | 2                  | —        | 1     | 3        | —              |
|           | 35                    | 7                  | 3        | 3     | 44       | 21             |

#### THE CARE OF CONSUMPTIVES.

The following are the amounts of money from the Hedgcock Bequest expended during the year in the home care of the consumptives:—

|                                            |      |    |    |
|--------------------------------------------|------|----|----|
| Milk ...                                   | £237 | 10 | 10 |
| Assistance to buy food other than milk ... | 124  | 10 | 0  |
| Better housing by assistance with rent ... | 108  | 3  | 3  |
| Help for nursing and attention ...         | 23   | 17 | 0  |

Carried forward ... £494 1 1

|                                                                     |        |      |    |   |
|---------------------------------------------------------------------|--------|------|----|---|
| Brought forward                                                     | ...    | £494 | 1  | 1 |
| Charing                                                             | ... .. | 16   | 15 | 0 |
| Care of children whilst mother in Sanatorium                        | ...    | 9    | 16 | 0 |
| Help whilst awaiting decision of Pensions Committee                 | ...    | 9    | 0  | 0 |
| Help whilst waiting to go into a Sanatorium                         | ...    | 6    | 5  | 0 |
| Dentures                                                            | ... .. | 5    | 6  | 0 |
| Help whilst head of family in Sanatorium                            | ...    | 5    | 4  | 0 |
| Help whilst seeking suitable employment                             | ...    | 4    | 0  | 0 |
| Fees for lessons in taxi-driving                                    | ...    | 3    | 0  | 0 |
| Spinal jacket                                                       | ... .. | 1    | 15 | 6 |
| Help whilst waiting to go into a situation                          | ...    | 1    | 10 | 0 |
| Expense towards removing (patient having obtained a situation away) | ...    | 1    | 4  | 0 |
| Boots                                                               | ... .. | 0    | 15 | 0 |
| Help whilst temporarily unfit for work                              | ...    | 0    | 10 | 0 |
|                                                                     |        | £559 | 1  | 7 |

In addition to the above, 14 bedsteads with bedding were lent to enable several patients to sleep alone.

#### NURSING BY QUEEN'S NURSES.

|                            | No. of Patients. | No. of Visits. |
|----------------------------|------------------|----------------|
| Pulmonary Tuberculosis     | 89               | 4784           |
| Non-Pulmonary Tuberculosis | 52               | 3625           |
| Total                      | 141              | 8409           |

#### DEATHS OCCURRING IN PUBLIC INSTITUTIONS.

Cases died in the following Institutions :—30 in the Brighton Poor Law Institutions, 1 in the Shoreham Poor Law Institution, 19 in the Brighton County Borough Asylum, 6 in the Royal Sussex County Hospital, 2 in the Children's Hospital, 18 in the Sanatorium, 1 in the National Sanatorium, Bournemouth, and 6 in other institutions outside the Borough.

#### TUBERCULOSIS PATIENTS DANGEROUS BECAUSE OF THEIR OCCUPATIONS.

No power has yet been given to control tuberculous patients, dangerous to the community because of their occupations. From time to time one finds female phthisis patients acting as nursery maids because the occupation is light and takes them much into the open air. Of four Brighton milk carriers, one notified in 1916 continued a milk carrier until his death last year, another notified last year died a few months later, one is now in an Institution and one has given up the trade. One patient took on work as a grocer's assistant and worked at that trade until a short time before his death. Another is at present in charge of a general shop and proposes to continue this work. We also know of other notified cases following such occupations as waiters, cooks and bakers.

Compulsory power should be given to prevent notified consumptives following occupations in which they are a danger to the community, at the same time provision should be made for fair compensation for loss of occupation.

## BOROUGH ISOLATION HOSPITAL.

| Number of Patients.               | Number of Patients suffering from the following Diseases :— |                |                          |             |                       |                 |              |        |             |            |            |           |                            |                     |                        | Total. |                 |
|-----------------------------------|-------------------------------------------------------------|----------------|--------------------------|-------------|-----------------------|-----------------|--------------|--------|-------------|------------|------------|-----------|----------------------------|---------------------|------------------------|--------|-----------------|
|                                   | Scarlet Fever.                                              | Enteric Fever. | Measles & German Measles | Diphtheria. | Cerebro-Spinal Fever. | Contacts C.S.M. | Chicken Pox. | Mumps. | Erysipelas. | Influenza. | Pneumonia. | Phthisis. | Other Tubercular Diseases. | Emaciated Children. | Ophthalmia Neonatorum. |        | Other Diseases. |
| Remaining December 31st, 1917 ... | 21                                                          | —              | 2                        | 38          | —                     | —               | —            | 1      | —           | —          | —          | 53        | 9                          | 1                   | —                      | 3      | 128             |
| Admitted in 1918 ...              | 173                                                         | 35             | 53                       | 284         | 20                    | 6               | 6            | 42     | —           | 22         | 2          | 147       | 10                         | 10                  | 1                      | 51     | 862             |
| Total number treated 1918 ...     | 194                                                         | 35             | 55                       | 322         | 20                    | 6               | 6            | 43     | —           | 22         | 2          | 200       | 19                         | 11                  | 1                      | 54     | 990             |
| Discharged in 1918 ...            | 188                                                         | 30             | 54                       | 280         | 13                    | 6               | 6            | 43     | —           | 20         | 2          | 131       | 7                          | 5                   | 1                      | 50     | 836             |
| Died in 1918 ...                  | 2                                                           | 4              | 1                        | 14          | 5                     | —               | —            | —      | —           | 2          | —          | 17        | 2                          | —                   | —                      | 4      | 51              |
| Remaining December 31st, 1918...  | 4                                                           | 1              | —                        | 28          | 2                     | —               | —            | —      | —           | —          | —          | 52        | 10                         | 6                   | —                      | —      | 103             |

Of the above cases, 2 cases of diphtheria, 1 of enteric fever, 12 of influenza and 5 of other diseases belonged to the Sanatorium staff; 12 cases of cerebro-spinal meningitis, 5 contacts with cerebro-spinal meningitis, 34 German measles, 14 measles, 45 scarlet fever, 43 diphtheria, 41 mumps, 16 enteric fever, 6 chicken pox, 4 erysipelas, 8 influenza, 1 pneumonia and 36 other diseases were military patients, a total of 265.

Five patients suffering from diphtheria, 1 from enteric fever, 2 from cerebro-spinal meningitis and 1 from scarlet fever were admitted from outside districts.

The total number of weeks spent by all the patients in the Sanatorium was 6,534 weeks, as compared with 7,086 weeks in 1917. Of the total of 1918, scarlet fever patients spent 905 weeks, diphtheria patients, 1,717 weeks, enteric fever patients, 289 weeks, measles patients, 99 weeks, cerebro-spinal meningitis, 152 weeks; contacts cerebro-spinal meningitis, 4 weeks, phthisis patients, 2,494 weeks, other tubercular patients, 466 weeks, wasting children, 134 weeks and patients from other diseases, 274 weeks.

## LABORATORY REPORT.

|                                   | Positive. | Negative. | Doubtful. | No Growth. | Total. |
|-----------------------------------|-----------|-----------|-----------|------------|--------|
| <i>Diphtheria</i> —               |           |           |           |            |        |
| Swabs from Borough ...            | 195       | 851       | 13        | 6          | 1065   |
| Sanatorium Swabs—                 |           |           |           |            |        |
| Admission Diphtheria ...          | 192       | 119       | 3         | —          | 314    |
| Convalescent Diphtheria           | 440       | 884       | 12        | 3          | 1339   |
| Admission Scarlet Fever           | 29        | 120       | 12        | 1          | 162    |
| Convalescent Scarlet Fever        | 33        | 194       | 2         | —          | 229    |
| Other Patients ...                | —         | 8         | 1         | —          | 9      |
| <i>Sputa</i> —                    |           |           |           |            |        |
| From Borough ...                  | 99        | 332       | —         | —          | 431    |
| From Sanatorium...                | 44        | 134       | —         | —          | 178    |
| <i>*Blood Specimens, Widal's</i>  |           |           |           |            |        |
| <i>Re-action</i> —                | (1)       | (2)       | (3)       | (4)        |        |
| From Borough ...                  | 4         | —         | 1         | 3          | 8      |
| From Sanatorium ...               | 3         | —         | —         | —          | 3      |
| <i>Hairs examined for Tinea</i> — |           |           |           |            |        |
| From Borough ...                  | 368       | 312       | —         | —          | 680    |
| From Sanatorium ...               | 25        | 4         | —         | —          | 29     |

\* In blood specimens—

1 = complete re-action.

3 = incomplete re-action

2 = almost complete re-action.

4 = no clumping.

*Number of Water Examinations.*

|               | Bacteriological. |
|---------------|------------------|
| Falmer ...    | 8                |
| Goldstone ... | 8                |
| Mile Oak ...  | 7                |
| Patcham ...   | 7                |
| Shoreham ...  | 14               |

Total Examinations for 1918 ... 4491

# VENEREAL DISEASES.

*Return relating to all persons who were treated at the Treatment Centre at Brighton during the year ended the 31st December, 1918.*

|                                                                                                                                                            | Syphilis.<br>Soft<br>Chancre. |          | Gonorrhœa.     |          | Conditions<br>other than<br>Venereal. |          | TOTAL. |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------|----------------|----------|---------------------------------------|----------|--------|----------|
|                                                                                                                                                            | Males.                        | Females. | Males.         | Females. | Males.                                | Females. | Males. | Females. |
| 1. Number of persons who, on the 1st January, 1918, were under treatment for :—                                                                            | 41                            | 54       | 15             | 14       | —                                     | —        | 56     | 68       |
| 2. Number of persons dealt with during the year at or in connection with the outpatient Clinic <i>for the first time</i> and found to be suffering from :— |                               |          |                |          |                                       |          |        |          |
| Syphilis only ... ..                                                                                                                                       | 137                           | 178      | —              | —        | —                                     | —        | 137    | 178      |
| Soft chancre only ... ..                                                                                                                                   | —                             | —        | —              | —        | —                                     | —        | —      | —        |
| Gonorrhœa only ... ..                                                                                                                                      | —                             | —        | 82             | 79       | —                                     | —        | 82     | 79       |
| Conditions other than venereal ... ..                                                                                                                      | —                             | —        | —              | —        | 47                                    | 40       | 47     | 40       |
| TOTAL ... ..                                                                                                                                               | 178                           | 232      | 97             | 93       | 47                                    | 40       | 322    | 365      |
| 3. Number of persons who ceased to attend the out-patient Clinic without completing treatment for :— ...                                                   | 60                            | 92       | 60             | 34       | —                                     | —        | 120    | 126      |
| 4. Number of persons discharged from the out-patient Clinic after completion of treatment for :— ... ..                                                    | —                             | —        | 19             | 13       | —                                     | —        | 19     | 13       |
| 5. Number of persons who, on the 1st January, 1919, were under treatment for :— ... ..                                                                     | 118                           | 140      | 18             | 46       | —                                     | —        | 136    | 186      |
| (a) Aggregate number of attendances at out-patient Clinic of persons <i>referred to in Item 4</i> ... ..                                                   | —                             | —        | not available. |          |                                       |          |        |          |
| (b) Number of such persons who were treated as in-patients ... ..                                                                                          | —                             | —        | —              | —        | —                                     | —        | —      | —        |
| (c) Number of such persons treated with Salvarsan substitutes ... ..                                                                                       | —                             | —        | —              | —        | —                                     | —        | —      | —        |
| (d) Number of doses given of such substitutes ... ..                                                                                                       | —                             | —        | —              | —        | —                                     | —        | —      | —        |
| 7. Total attendances of all persons at the out-patient Clinic who were suffering from :— ...                                                               | 1479                          | 2102     | 646            | 899      | 77                                    | 96       | 2202   | 3097     |
| 8. Aggregate number of "In-patient days" of treatment given to persons who were suffering from :— ... ..                                                   | 155                           | 274      | 102            | 109      | —                                     | —        | 257    | 383      |

|                                                                                                                                                      | For detection of |            |                  | For Wassermann Reaction. |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------|------------------|--------------------------|
|                                                                                                                                                      | Spirochetes      | Gonococci. | Other Organisms. |                          |
| 9. Examinations of Pathological material :—<br>Specimens taken by the Medical Officer of the Treatment Centre and examined by the Pathologist ... .. | 89               | 477        | 79               | 941                      |

*Statement showing the services rendered at the Treatment Centre during the year, classified according to the areas in which the patients resided.*

| Name of County or County Borough (or Country in the case of persons residing elsewhere than in England and Wales.                                                               | Brighton. | East Sussex. | West Sussex. | TOTAL. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|--------------|--------|
| A. Number of persons from each area dealt with during the year at or in connection with the out-patient Clinic <i>for the first time</i> and found to be suffering from :—      |           |              |              |        |
| Syphilis ... .. }                                                                                                                                                               | 166       | 68           | 81           | 315    |
| Soft Chancre ... .. }                                                                                                                                                           | 94        | 31           | 36           | 161    |
| Gonorrhœa ... .. }                                                                                                                                                              | 47        | 16           | 24           | 87     |
| Conditions other than venereal ... .. }                                                                                                                                         |           |              |              |        |
| TOTAL ... ..                                                                                                                                                                    | 307       | 115          | 141          | 563    |
| B. Total number of attendances at the out-patient Clinic of all patients residing in each area ... ..                                                                           | 3054      | 1069         | 1176         | 5299   |
| C. Aggregate number of "In-patient days" of all patients residing in each area ... ..                                                                                           | 239       | 293          | 108          | 640    |
| D. Number of doses of Salvarsan { 1. Out-patient Clinic substitutes given in the :— { 2. In-patient Dept. to patients residing in each area.                                    | 1032      | 453          | 434          | 1919   |
| E. Number of examinations of pathological material from patients residing in each area taken by the Medical Officer of the Treatment Centre, and examined by the Pathologist :— |           |              |              |        |
| (a) The detection of spirochetes ... ..                                                                                                                                         | 58        | 22           | 9            | 89     |
| (b) The detection of gonococci ... ..                                                                                                                                           | 394       | 114          | 69           | 477    |

|                                                                                                                                             |                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| F. Give the names of Salvarsan substitutes used in the treatment of syphilis and the usual initial and final doses...                       | Novarsenobillon ... .45 Initial doses.<br>.6 Final doses.<br>Arsenobillon, .3 gr. I.D., .5 gr. F.D. |
| G. State the number of doses of Salvarsan substitutes usually given in a full course of treatment.                                          | Novarsenobillon ... 4.65 gr.<br>Arsenobillon ... 2.1 gr. and 2.8 gr.                                |
| H. State whether the treatment of syphilis is systematically controlled by means of the Wassermann reaction                                 | Yes.                                                                                                |
| J. State in what proportion of cases, approximately, Salvarsan substitutes are used in the treatment of syphilis.                           | Every case, with exception of very strong contra indications.                                       |
| K. State whether facilities are provided at the Treatment Centre for irrigation of cases of gonorrhœa during the intervals between Clinics. | An irrigation room with attendant.                                                                  |

(Signed) F. H. LAWSON,  
31st January, 1919. *Medical Officer of the Treatment Centre.*

The work at the V.D. Centre has steadily increased. There were 322 males and 365 females in attendance during the year. Because of the increase of work it was found necessary to establish a fourth Clinic (Oct.). Many persons suffering from these diseases still remain untreated. If it were possible to arrange for treatment by appointment at a fee, I have no doubt that many of these patients would attend. It is disturbing to note that 246 patients ceased to attend without completing treatment; 152 of these suffered from syphilis, and as no patient is discharged as cured under two years (treatment and observation), a number of these may have completed one course of salvarsan treatment.

THE ROYAL SUSSEX COUNTY HOSPITAL,  
PATHOLOGICAL DEPARTMENT,  
(Stephen Ralli Memorial),  
January, 1919. BRIGHTON.

### ANNUAL SUMMARY FOR BRIGHTON

OF PATHOLOGICAL WORK DONE UNDER THE VENEREAL DISEASES SCHEME  
ENDING DECEMBER 31ST, 1918.

|                                              |     |     |                  |              |    |
|----------------------------------------------|-----|-----|------------------|--------------|----|
| Wassermann's Tests                           | ... | 577 | Positive ... 219 |              |    |
|                                              |     |     | Negative ... 355 | Practnrs.... | 24 |
|                                              |     |     | Not Ex'd. ... 3  |              |    |
| Examinations for Gonococci                   |     | 311 | Positive ... 63  |              |    |
|                                              |     |     | Negative ... 248 | " ...        | 62 |
| Examinations for Spirochaeta Pallida         | ... | 46  | Positive ... 13  |              |    |
|                                              |     |     | Negative ... 31  | " ...        | 0  |
|                                              |     |     | Not Ex'd. ... 2  |              |    |
| Examination of Liver for Spirochaeta Pallida | ... | 21  | Positive ... 5   | Health Dept. | 21 |
|                                              |     |     | Negative ... 16  |              |    |
| Other Examinations                           | ... | 50  |                  | " ...        | 0  |
| Histological Examinations                    | ... | 1   | Positive ... 0   |              |    |
|                                              |     |     | Negative ... 1   | " ...        | 0  |

To the M.O.H.,  
Brighton.

H. M. GALT.

## STILL BIRTHS.

There is an arrangement to receive still births at the Health Office and to bury these free of charge after examination. The midwife is paid 2s. 6d. for her trouble in bringing the still births to the office.

Twenty-two were brought, 21 were examined ; of 17 sections of liver submitted, four showed spirochetes. Of the four mothers, three attended the V.D. Clinic and one left the town.

## THE EDUCATION OF THE PUBLIC.

Late in 1917 the clergy and ministers were approached with a view to their helping in the publicity campaign. Dr. Ryle kindly gave a tutorial class to eleven of these. Later, sermons and lectures were delivered in many churches.

Other lectures given in the spring by various speakers included addresses to large audiences by Drs. Boyle, Edmonds, Martindale and Ryle. In April, Dr. Lawson gave a demonstration to some 30 nurses and midwives, which was much appreciated.

A course of five lectures on nature study in relation to sex education was given to school teachers in May—June by Miss Norah March in the Union Church Hall. The average attendance was 73. A large majority of the audience were female elementary school teachers.

## SANITARY WORK OF THE YEAR.

### SANITARY INSPECTION.

In the following tables, prepared by Mr. Skinner, the Chief Sanitary Inspector, the work of the Sanitary Department is stated, so far as it can be given, in tabular form :—

#### *Inspections during 1918.*

|                                                                                       | Totals. |
|---------------------------------------------------------------------------------------|---------|
| Number of Streets Inspected ... ..                                                    | 99      |
| „ Houses and other Premises Inspected                                                 | 6734    |
| „ Complaints attended to ... ..                                                       | 781     |
| „ Visits to Slaughter Houses ... ..                                                   | 187     |
| „ „ Bakehouses ... ..                                                                 | 212     |
| „ „ Dairies and Milk Shops ... ..                                                     | 47      |
| „ „ Provision Shops ... ..                                                            | 633     |
| „ Day Visits to Common Lodging Houses                                                 | 44      |
| „ Visits in respect of Sickness... ..                                                 | 4031    |
| „ „ to Disinfect Rooms ... ..                                                         | 709     |
| „ „ for Removal of Bedding ... ..                                                     | 442     |
| „ Drains Tested by Volatile Test ... ..                                               | 4       |
| „ „ Opened for Examination ... ..                                                     | 58      |
| „ Visits for Sundry Purposes ... ..                                                   | 3951    |
| „ „ to look up Notices served ... ..                                                  | 3475    |
| „ Attendances at Police Court... ..                                                   | 11      |
| „ Samples Collected for Analysis ... ..                                               | 279     |
| „ Inspections of Stables ... ..                                                       | 460     |
| „ Wastes of Water Reported ... ..                                                     | 41      |
| „ Letters sent to Schools and Public Library ... ..                                   | 1024    |
| Meteorological Observations taken ... ..                                              | 365     |
| „ Reports issued ... ..                                                               | 75      |
| Visits to Schools ... ..                                                              | 157     |
| Number of Visits under Factory and Workshops and Shop Hours Acts, &c. ... ..          | 6688    |
| Visits to Houses Let in Lodgings ... ..                                               | 9       |
| „ Offensive Trades ... ..                                                             | 56      |
| Smoke Observations ... ..                                                             | 3       |
| Contagious Diseases (Animals) Act ... ..                                              | 16      |
| Housing, Town Planning, &c., Act—                                                     |         |
| Visits by Chief Inspector ... ..                                                      | 373     |
| Visits respecting Births ... ..                                                       | 1188    |
| Re-visits respecting Births ... ..                                                    | 6089    |
| Visits to Midwives ... ..                                                             | 26      |
| „ „ expectant mothers ... ..                                                          | 137     |
| Inspection of Picture Palaces—                                                        |         |
| Visits by Chief Inspector { Day ... ..                                                | 16      |
| „ { Evening ... ..                                                                    | 9       |
| Red Cross Hospitals inspected and drains, &c., tested for Military Authorities ... .. | 2       |

The sanitary inspections enumerated in the preceding table have been followed by the serving of the notices given in the next table. A large proportion of the work is done on the strength of verbal recommendations or preliminary notices.

*Notices served during 1918.*

| Nature of Notice.                                                           | Warning and Verbal Notices. |            |                                                      |            |                                   |            | Final Notices. |            |                       |            |      |     | Total number of notices complied with. |
|-----------------------------------------------------------------------------|-----------------------------|------------|------------------------------------------------------|------------|-----------------------------------|------------|----------------|------------|-----------------------|------------|------|-----|----------------------------------------|
|                                                                             | Number served.              |            | Number complied with before service of final notice. |            | Number reported for final notice. |            | Number served. |            | Number complied with. |            |      |     |                                        |
|                                                                             | Owners.                     | Occupiers. | Owners.                                              | Occupiers. | Owners.                           | Occupiers. | Owners.        | Occupiers. | Owners.               | Occupiers. |      |     |                                        |
| To drain into sewer and fill up cesspools ... ..                            | 1                           | —          | —                                                    | —          | 1                                 | —          | 1              | —          | 1                     | —          | 1    | —   |                                        |
| To relay drain ... ..                                                       | 40                          | —          | 25                                                   | —          | 15                                | —          | 16             | —          | 16                    | —          | 41   | —   |                                        |
| To repair drain or soil pipe                                                | 27                          | —          | 16                                                   | —          | 11                                | —          | 9              | —          | 9                     | —          | 25   | —   |                                        |
| To trap drain ... ..                                                        | 8                           | —          | 3                                                    | —          | 5                                 | —          | 3              | —          | 3                     | —          | 6    | —   |                                        |
| To clear drain or soil pipe                                                 | 88                          | 5          | 46                                                   | 3          | 42                                | 2          | 85             | 2          | 85                    | 2          | 131  | 5   |                                        |
| To clear, repair or cleanse closet, or repair flushing apparatus or pan ... | 432                         | 118        | 214                                                  | 68         | 218                               | 50         | 203            | 42         | 203                   | 42         | 417  | 110 |                                        |
| To cleanse and whitewash rooms ... ..                                       | 347                         | 24         | 165                                                  | 16         | 182                               | 8          | 177            | 9          | 177                   | 9          | 342  | 25  |                                        |
| To repave yard or scullery                                                  | 77                          | 2          | 46                                                   | 2          | 33                                | —          | 38             | —          | 38                    | —          | 84   | 2   |                                        |
| To abate other nuisances...                                                 | 470                         | 21         | 251                                                  | 18         | 219                               | 3          | 229            | 5          | 229                   | 5          | 480  | 23  |                                        |
| To provide covered dustbins                                                 | 275                         | —          | 144                                                  | —          | 131                               | —          | 140            | —          | 140                   | —          | 284  | —   |                                        |
| To provide premises with a proper water supply ...                          | 3                           | —          | 1                                                    | —          | 2                                 | —          | 2              | —          | 2                     | —          | 3    | —   |                                        |
| To cleanse premises and remove foul accumulations                           | 2                           | 164        | 1                                                    | 115        | 1                                 | 49         | 1              | 53         | 1                     | 53         | 2    | 168 |                                        |
| To provide w.c. accommodation ... ..                                        | 2                           | —          | 1                                                    | —          | 1                                 | —          | 2              | —          | 2                     | —          | 3    | —   |                                        |
| To render damp walls with cement compo ... ..                               | 12                          | —          | 2                                                    | —          | 10                                | —          | 9              | —          | 9                     | —          | 11   | —   |                                        |
| To abate overcrowding ...                                                   | —                           | 32         | —                                                    | 28         | —                                 | 4          | —              | 7          | —                     | 7          | —    | 35  |                                        |
| To discontinue keeping animals so as to be a nuisance ... ..                | —                           | 52         | —                                                    | 29         | —                                 | 23         | —              | 24         | —                     | 24         | —    | 53  |                                        |
| To abate smoke nuisance...                                                  | —                           | 1          | —                                                    | 1          | —                                 | —          | —              | —          | —                     | —          | —    | 1   |                                        |
| To cleanse and whitewash bakehouses ... ..                                  | —                           | 48         | —                                                    | 20         | —                                 | 28         | —              | 28         | —                     | 28         | —    | 48  |                                        |
| To cleanse and whitewash workrooms ... ..                                   | —                           | 15         | —                                                    | 8          | —                                 | 7          | —              | 6          | —                     | 6          | —    | 14  |                                        |
| To pave yard adjoining house wall ... ..                                    | 3                           | —          | —                                                    | —          | 3                                 | —          | 3              | —          | 3                     | —          | 3    | —   |                                        |
| To lay new board floors with ventilation under same...                      | 2                           | —          | 2                                                    | —          | —                                 | —          | 1              | —          | 1                     | —          | 3    | —   |                                        |
| Totals ... ..                                                               | 1789                        | 482        | 917                                                  | 308        | 874                               | 174        | 919            | 176        | 919                   | 176        | 1836 | 484 |                                        |

Only one summons was necessary to enforce compliance with notices during the year; this was against the occupier of a dwelling house for failing to abate a nuisance caused by the dirty state of premises.

An order was made on the defendant to abate the nuisance and prohibiting the recurrence thereof, and to pay the costs.

The nuisance was afterwards abated.

Two other summonses were issued during the year, viz. :—

One against the occupier of a stable for failing to remove the manure weekly as required by the bye-law.

The manure was removed and the summons withdrawn on payment of costs.

The other was issued under the Offensive Trades Clauses of the Public Health Acts for establishing an offensive trade, viz., that of a rag and bone dealer, without having first obtained permission in writing from the Town Council to do so.

The defendant was cautioned and the summons withdrawn on payment of costs on his undertaking to quit the premises, which he subsequently did.

### COMMON LODGING HOUSES.

Nine of these are at present registered, having accommodation for 317 lodgers.

The Bye-laws have been properly carried out during the year.

### HOUSES LET IN LODGINGS.

Sixty-four of these are now on the register.

The Bye-laws have been properly carried out during the year.

### NEW HOUSES.

Five new houses were built during the year.

The figures for 1914, 1915, 1916 and 1917 are 44, 22 9 and 1 respectively.

Statement required by Article V. of the Housing (Inspection of District) Regulations, 1910, in regard to the Inspection of dwelling-houses under Section 17 (1) of the Housing, Town Planning, &c., Act, 1909 :—

|                                                          |      |
|----------------------------------------------------------|------|
| Number of dwelling-houses inspected during the year 1918 |      |
| under and for the purpose of the Section ... ..          | 3734 |

No representations have been made owing to the scarcity of labour to carry out the necessary repairs, but all nuisances have been dealt with.

It has not yet been found necessary to issue any notice under Section 15 of the Act, as up to the present time all cases coming within the scope of that section have been satisfactorily dealt with by mutual arrangement between Chief Inspector Skinner and the owners ; during the past year two houses have, by this means, been put into good and substantial repair, making a total of 139 since the passing of the Act

### GOOSEBERRY MILDEW ORDER, 1912.

The Market and the greengrocers' shops were regularly inspected during the season, and no diseased fruit was found.

### WART DISEASE AND CORKY SCAB POTATOES ORDERS, 1914.

No case of these diseases have yet been found in Brighton.

## RAG FLOCK ACT.

Only a very small quantity of this is used in Brighton as all new bedding is sent ready made from the factories; in consequence of this and the depletion of the staff no samples have been taken during the year.

## FISH MARKET.

During the year the following unsound fish have been surrendered in the Fish Market and destroyed by arrangement with the owners :—

| Wet Fish.  |      |      |                        |      |      |                 |      |      | Shell Fish. |                     |                     |      |      |                   |      |      |   |   |   |    |
|------------|------|------|------------------------|------|------|-----------------|------|------|-------------|---------------------|---------------------|------|------|-------------------|------|------|---|---|---|----|
| Flat Fish. |      |      | Herrings and Mackerel. |      |      | Other Wet Fish. |      |      | Dried Fish. | Shrimps and Prawns. | Whelks and Winkles. |      |      | Other Shell Fish. |      |      |   |   |   |    |
| cwts.      | qrs. | lbs. | cwts.                  | qrs. | lbs. | cwts.           | qrs. | lbs. |             |                     | cwts.               | qrs. | lbs. | cwts.             | qrs. | lbs. |   |   |   |    |
| 0          | 2    | 0    | 79                     | 2    | 0    | 146             | 0    | 16   | 18          | 3                   | 0                   | 11   | 1    | 0                 | 0    | 1    | 0 | 8 | 3 | 11 |

Total weight, 13 tons 5 cwt. 1 qr.

## PUBLIC ABATTOIR.

The number of animals killed in 1918 was 38,781, viz. :—

|              |   |                                                  |
|--------------|---|--------------------------------------------------|
| 5,216 beasts | } | in the public slaughter-houses                   |
| 3,850 calves |   |                                                  |
| 1,889 lambs  |   |                                                  |
| 24,403 sheep |   |                                                  |
| 3,250 pigs   |   |                                                  |
| and          |   |                                                  |
| 7 beasts     | } | in the private slaughter-houses at the Abattoir. |
| 166 sheep    |   |                                                  |

Unsound meat surrendered during 1918 :—

| Description.               | Number of Animals or parts of Animals. | Description.               | Number of parts of Animals. |
|----------------------------|----------------------------------------|----------------------------|-----------------------------|
| A.—At the Abattoir—        |                                        | B.—In Shops—               |                             |
| Bullocks (whole carcase)   | 69                                     | Bullocks (part of carcase) | 370                         |
| „ (part of carcase)        | 45                                     | Miscellaneous Meat         | 9cwt. 1qr. 1lb.             |
| Calves (whole carcase) ... | 7                                      | Livers ...                 | 3                           |
| Sheep (whole carcase) ...  | 81                                     | Calves Reeds ...           | 60                          |
| „ (part of carcase) ...    | 1                                      | Ox Feet ...                | 5                           |
| Pigs (whole carcase) ...   | 13                                     | Tripe ...                  | 1 bag                       |
| „ (part of carcase) ...    | 1                                      | Wild Rabbits ...           | 46                          |
| Heads ...                  | 140                                    | Pork Sausages ...          | 1 lb.                       |
| Tongues ...                | 56                                     | Bacon ...                  | 3½ cwt.                     |
| Livers ...                 | 1557                                   | Frozen Fowls ...           | 2 cases                     |
| Lungs ...                  | 158                                    | Corned Beef ...            | 2½ cwt.                     |
| Hearts ...                 | 24                                     | Brawn ...                  | 2 tins                      |
| Diaphragms ...             | 14                                     | Tinned Tongue ...          | 42 lbs.                     |
| Stomachs ...               | 15                                     |                            |                             |
| Spleens ...                | 15                                     |                            |                             |
| Udders ...                 | 27                                     |                            |                             |
| Other Internal Organs ...  | 59                                     |                            |                             |
| Totals ...                 | 2282                                   |                            |                             |

Other foods surrendered during 1918 :—

| Description.           |     |     |     |     |     |          |
|------------------------|-----|-----|-----|-----|-----|----------|
| Frozen Cod and Haddock | ... | ... | ... | ... | ... | 1 case   |
| Norwegian Kippers      | ... | ... | ... | ... | ... | 37 boxes |
| Fresh Herrings         | ... | ... | ... | ... | ... | 1½ cwt.  |
| Pork Pies              | ... | ... | ... | ... | ... | 86       |
| Tangerine Oranges      | ... | ... | ... | ... | ... | 5 boxes  |
| Sweeds                 | ... | ... | ... | ... | ... | 3 tons   |
| Onions                 | ... | ... | ... | ... | ... | 30 lbs.  |
| Raspberries...         | ... | ... | ... | ... | ... | 7 pads   |

The whole of the above was condemned by arrangement with the owners, in no case was a seizure necessary.

*Tuberculosis.*—During the year the following carcasses and parts of animals were condemned at the Abattoir :—

| Description. |     |     |     |     | Whole Animal. | Part including Internal Organs. |
|--------------|-----|-----|-----|-----|---------------|---------------------------------|
| Bullocks     | ... | ... | ... | ... | 68            | 417                             |
| Pigs         | ... | ... | ... | ... | 6             | 78                              |

### SALE OF FOOD AND DRUGS ACT.

|                               |     |     |          |           |
|-------------------------------|-----|-----|----------|-----------|
| Number of samples collected   | ... | ... | ...      | 284       |
| Number of samples not genuine | ... | ... | ...      | 29        |
| Number of prosecutions        | ... | ... | ...      | 6         |
| Number of convictions         | ... | ... | ...      | 4         |
| Number of Summonses withdrawn | ... | ... | ...      | 2         |
| Aggregate amount of fines     | ... | ... | £19 0 0  |           |
| Analyst's fees recovered      | ... | ... | 1 10 0   |           |
|                               |     |     |          | £20 10 0  |
| Cost of samples               | ... | ... | £1 5 5½  |           |
| Assistance and postage        | ... | ... | 3 12 11½ |           |
| Analyst's salary              | ... | ... | 50 0 0   |           |
| Cost of analysis              | ... | ... | 90 8 0   |           |
|                               |     |     |          | £145 6 5  |
| Fines and costs recovered     | ... | ... | 20 10 0  |           |
|                               |     |     |          | £124 10 5 |

## DUTIES UNDER THE FOOD ORDERS.

The following is a summary of the extra duties devolving on the late Inspector Cuckney and Inspector Mills, in connection with the supply, distribution and sale of foods as directed by the Ministry of Food and the Local Food Committee during 1917, 1918 and 1919.

Inspector Cuckney, as Superintendent of the Abattoir, devised the working means by which a scheme to slaughter and distribute all the supply of home-killed meat to the butchers of Brighton and Hove, has been successfully and most efficiently carried out at the Brighton Abattoir.

To effect this Inspector Cuckney was personally responsible for :—

- (a) Providing for the reception of all live stock by road or rail, and code marking all the animals from the various markets.
- (b) Examining and checking the number of animals from each market on arrival, and arranging lairage.
- (c) Arranging for the slaughter of the requisite number of animals each day to provide the amount of meat demanded by the Advisory Committee.
- (d) Examination of carcasses and viscera after slaughter and the separation and condemnation of diseased meat, the separation of all offals and bye-products, hides, skins, &c.
- (e) Supervising the efficiency of the slaughtermen's work in the dressing of carcasses, and that of the Abattoir staff generally as to cleanliness and upkeep of the plant, tools and premises.
- (f) Supervising the disposal of the bye-products.

An average of about 3,500 animals a month were killed and dealt with under this distribution scheme, and the large staff employed worked efficiently and amicably under Inspector Cuckney's supervision.

Inspector Mills has been chiefly responsible for the enforcement in Brighton of all the orders made by the Ministry of Food since its inception, latterly he has worked directly under the Food Control Committee, by arrangement with the Health Committee.

The work has been principally directed to the control of shops as to the observance of the law in respect of the maximum prices allowed to be charged.

The exhibition of required notices and price lists.

Enquiries respecting the registration of dealers.

Enquiries respecting claims for the supply of goods to traders under the rationing scheme.

Work in connection with the distribution of rationed food.

Examination of damaged and unsound foodstuffs, and arranging for the condemnation or disposal for other purposes of food which, whilst unfit for human food, could be used for animal food or manufacturing purposes ; in this connection very large quantities of potatoes, bacon, butter, cereals and dried fruits have had to be examined and dealt with at the various warehouses and shops.

Also enquiries as to the establishment of new businesses.

On information obtained by Mr. Mills, 96 offenders against the various orders have been prosecuted, and fines totalling £742 12s. 6d. have been inflicted.

In the same period 24 prosecutions were taken by the Police under Food Orders deputed to them, and fines totalling £390 8s. inflicted.

THE LOCAL ADMINISTRATION OF ACTS RELATING TO  
 FACTORIES, WORKSHOPS, WORKPLACES, BAKEHOUSES,  
 OUTWORKERS, SHOPS, REGISTRY OFFICES, AND THE  
 EMPLOYMENT OF CHILDREN.

(For last see page 54).

During this year the greater part of the work has been done by Inspector Webb, owing to the services of Inspector Mills being required by the Food Control Committee for the enforcement of the various orders and other work in connection with the supply and distribution of food.

| NUMBER ON REGISTERS. |     |                      |                  |                      |           |           |
|----------------------|-----|----------------------|------------------|----------------------|-----------|-----------|
|                      |     | Dec. 31st.,<br>1918. | Found<br>Closed. | Dec. 31st.,<br>1917. | Increase. | Decrease. |
| Factories            | ... | 332                  | 3                | 294                  | 40        | —         |
| Workshops            | ... | 2073                 | 118              | 2040                 | 33        | —         |
| Workplaces           | ... | 146                  | 8                | 154                  | —         | 10        |
| Shops                | ... | 4385                 | 280              | 4276                 | 109       | —         |
| Registry Offices     |     | 24                   | 8                | 26                   | —         | 2         |
| Total                |     | 6960                 | 417              | 6790                 | 182       | 12        |

|                                 |     |     |     |     |     |      |
|---------------------------------|-----|-----|-----|-----|-----|------|
| Day visits to Factories         | ... | ... | ... | ... | ... | 100  |
| „ „ „ Workshops                 |     | ... | ... | ... | ... | 909  |
| „ „ „ Workplaces                |     | ... | ... | ... | ... | 59   |
| „ „ „ Shops                     | ... | ... | ... | ... | ... | 4757 |
| „ „ „ Registry Offices          | ... | ... | ... | ... | ... | 10   |
| „ „ „ re Employment of children |     |     |     | ... | ... | 473  |

Night visits after 6.0 p.m.

|                                                                             |     |     |     |     |     |      |
|-----------------------------------------------------------------------------|-----|-----|-----|-----|-----|------|
| „ „ to shops re Early Closing and Food Orders                               |     |     |     |     |     | 320  |
| „ „ re Employment of Children                                               | ... | ... |     |     |     | 10   |
| „ „ to Factories, Workshops & Bakehouses                                    | ... |     |     |     |     | 16   |
| „ „ to places of public entertainment, re<br>child employment under licence |     |     |     | ... |     | 26   |
| Tribunal enquiries                                                          | ... | ... | ... | ... | ... | 8    |
| Total visits                                                                |     |     |     |     |     | 6688 |

PROSECUTIONS.—No prosecutions have been taken this year in respect of the Shops Act or the Employment of Children; but from June, 1917, to December, 1918, 74 prosecutions for the enforcement of Food Orders were instituted by Inspector Mills, the total penalties inflicted being £439 12s. 6d.

Notices have been served in respect of breaches of the various Acts as follows :—

|                                                         |     |     |     |     |     |     |
|---------------------------------------------------------|-----|-----|-----|-----|-----|-----|
| Shops Acts                                              | ... | ... | ... | ... | ... | 44  |
| Employment of Children Act                              | ... | ... | ... | ... | ... | 56  |
| Factory and Workshop Act                                | ... | ... | ... | ... | ... | 225 |
| Public Health Act                                       | ... | ... | ... | ... | ... | 71  |
| Notices sent to H.M. Inspector respecting new workshops | ... | ... | ... | ... | ... | 16  |
| Workrooms measured                                      | ... | ... | ... | ... | ... | 131 |
| Reports re means of escape in case of fire              | ... | ... | ... | ... | ... | 2   |

#### OUTWORKERS.

|                            |     |     |     |     |     |     |
|----------------------------|-----|-----|-----|-----|-----|-----|
| Lists sent in by employers | ... | ... | ... | ... | ... | 84  |
| Number of names on lists   | ... | ... | ... | ... | ... | 388 |
| „ „ on register            | ... | ... | ... | ... | ... | 520 |
| „ of inspections           | ... | ... | ... | ... | ... | 279 |

#### BAKEHOUSES.

|                       |     |     |     |     |     |     |
|-----------------------|-----|-----|-----|-----|-----|-----|
| Number on Register... | ... | ... | ... | ... | ... | 106 |
| „ of inspections      | ... | ... | ... | ... | ... | 279 |

#### COMPLAINTS.

|                                |     |     |     |     |     |    |
|--------------------------------|-----|-----|-----|-----|-----|----|
| Local Complaints               | ... | ... | ... | ... | ... | 66 |
| Complaints from H.M. Inspector | ... | ... | ... | ... | ... | 2  |
| „ to H.M. Inspector            | ... | ... | ... | ... | ... | 1  |

For the purpose of reference the registers of factories, workshops and workplaces are grouped as follows :—

| Trade.                                 | Factories. Workshops. Outworkers. |      |     |
|----------------------------------------|-----------------------------------|------|-----|
| Bakehouses...                          | 16                                | 92   | —   |
| Bootmakers and Repairers               | 27                                | 155  | 67  |
| Brewers, Bottlers, and Mineral Waters  | 23                                | 16   | —   |
| Building trades                        | 16                                | 172  | —   |
| Cycle and Motor works                  | 25                                | 42   | —   |
| Coachbuilders and Wheelwrights...      | —                                 | 22   | —   |
| Dressmaking and Underclothing          | —                                 | 353  | 151 |
| Furnishing trades                      | 14                                | 137  | 40  |
| Firewood and Sawmills                  | 15                                | 8    | —   |
| Jewellers and Watchmakers              | —                                 | 67   | —   |
| Laundries                              | 40                                | 108  | —   |
| Photographers                          | —                                 | 28   | —   |
| Printers and Bookbinders               | 44                                | —    | —   |
| Preparation of Provisions              | 38                                | 13   | —   |
| Railway, Locomotive and Carriage Works | 1                                 | —    | —   |
| Smiths and Metal Workers               | 29                                | 95   | —   |
| Tailors                                | 84                                | 250  | —   |
| Miscellaneous                          | 34                                | 163  | 12  |
| Total                                  | 332                               | 1553 | 520 |

Workplaces (mostly Restaurants) ... 146

## SHOPS.

|                        |                  |
|------------------------|------------------|
| Provisions ... ..      | 1060             |
| Wearing apparel ... .. | 760              |
| Furnishing ... ..      | 202              |
| Sweets and tobacco...  | 392              |
| Refreshments ... ..    | 614              |
| Offices ... ..         | 284              |
| Other trades ... ..    | 1109             |
|                        | <hr/> 4385 <hr/> |

In January a petition was received from Florists and Fruiterers for an Extension Order under the Shops Act ; there were 166 signatures to the Petition, of which 155 were valid ; the number required was 167 ; in consequence of the necessary two-thirds majority not being obtained, no order was made.

In September, another Petition was received, signed by 187 occupiers ; these signatures were subsequently verified and 170 were found to be valid ; the number on our register was 239. The necessary two-thirds majority being obtained, a closing order was made as requested for Wednesdays.

## FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES, AND HOMEWORK.

*1.— Inspection. Including Inspections made by Sanitary Inspectors or  
Inspectors of Nuisances.*

| Premises.                                                                                    | Number of    |                  |               |
|----------------------------------------------------------------------------------------------|--------------|------------------|---------------|
|                                                                                              | Inspections. | Written Notices. | Prosecutions. |
| (1)                                                                                          | (2)          | (3)              | (4)           |
| Factories ... ..<br>(Including Factory Laundries).                                           | 100          | 12               | —             |
| Workshops... ..<br>(Including Workshop Laundries).                                           | 909          | 109              | —             |
| Workplaces ... ..<br>(Other than Outworkers' premises<br>included in Part 3 of this Report). | 59           | 3                | —             |
| Total ... ..                                                                                 | 1068         | 124              | —             |

## 2.—Defects found.

| Particulars.<br>(1)                                                                    | Number of Defects.             |                  |                                    | Number of Prosecutions.<br>(5) |
|----------------------------------------------------------------------------------------|--------------------------------|------------------|------------------------------------|--------------------------------|
|                                                                                        | Found<br>(2)                   | Remedied.<br>(3) | Referred to H.M. Inspector.<br>(4) |                                |
| <i>Nuisances under the Public Health Acts :—*</i>                                      |                                |                  |                                    |                                |
| Want of cleanliness... ..                                                              | 57                             | 57               | —                                  | —                              |
| Want of ventilation ... ..                                                             | 3                              | 3                | —                                  | —                              |
| Overcrowding ... ..                                                                    | 1                              | 1                | —                                  | —                              |
| Want of drainage of floors ... ..                                                      | 1                              | 1                | —                                  | —                              |
| Other nuisances ... ..                                                                 | 23                             | 23               | —                                  | —                              |
| †Sanitary Accommodation {                                                              | insufficient ... ..            | —                | —                                  | —                              |
|                                                                                        | unsuitable or defective ... .. | 10               | —                                  | —                              |
|                                                                                        | not separate for sexes ... ..  | 3                | —                                  | —                              |
| <i>Offences under the Factory and Workshop Act :—</i>                                  |                                |                  |                                    |                                |
| Illegal occupation of underground bakehouses (S. 101) ... ..                           | —                              | —                | —                                  | —                              |
| Breach of special sanitary requirements for bakehouses (SS. 97 to 100)                 | 50                             | 50               | —                                  | —                              |
| Other offences ... ..                                                                  | —                              | —                | —                                  | —                              |
| (Excluding offences relating to out-work which are included in Part 3 of this Report.) |                                |                  |                                    |                                |
| Total ... ..                                                                           | 148                            | 148              | —                                  | —                              |

\* Including those specified in sections 2, 3, 7 and 8 of the Factory and Workshop Act as remediable under the Public Health Acts.

† Sec. 22 of the Public Health Acts Amendment Act is in force in Brighton.

## 3.—Home Work

| Nature of<br>work.*                        | Outworkers' Lists, Section 107.   |                  |                                                                       |                                                                      |                                                                     | Number of Inspections of<br>Outworkers' Premises. |
|--------------------------------------------|-----------------------------------|------------------|-----------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------|
|                                            | Lists received<br>from Employers. |                  | Number of Addresses<br>of Outworkers received<br>from other Councils. | Number of Addresses<br>of Outworkers forwarded<br>to other Councils. | Notices served on Occu-<br>piers as to keeping or<br>sending lists. |                                                   |
|                                            | Twice in the<br>year.             |                  |                                                                       |                                                                      |                                                                     |                                                   |
|                                            | Lists.                            | Out-<br>workers. |                                                                       |                                                                      |                                                                     |                                                   |
| (1)                                        | (2)                               | (3)              | (4)                                                                   | (5)                                                                  | (6)                                                                 | (7)                                               |
| Wearing Apparel—<br>(1) Making, &c. ... .. | 85                                | 461              | 91                                                                    | 12                                                                   | 82                                                                  | 279                                               |
| Furniture and Upholstery ... ..            | 2                                 | 11               | —                                                                     | —                                                                    | —                                                                   | —                                                 |
| Other Trades ... ..                        | —                                 | —                | —                                                                     | —                                                                    | —                                                                   | —                                                 |
| Total ... ..                               | 87                                | 472              | 91                                                                    | 12                                                                   | 82                                                                  | 279                                               |

\* Where an occupier gives out work of more than one class, each class is separately enumerated.

4.—*Registered Workshops.*

| Workshops on the Register (S. 131) at the end of the year. | Number. |
|------------------------------------------------------------|---------|
| (1)                                                        | (2)     |
| Making of wearing apparel ... ..                           | 1060    |
| Bakehouses ... ..                                          | 90      |
| Laundries ... ..                                           | 108     |
| Furnishing Trades ... ..                                   | 177     |
| Building Trades ... ..                                     | 172     |
| Other Trades ... ..                                        | 466     |
| Total number of workshops on Register ... ..               | 2073    |

5.—*Other matters.*

| Class.                                                                                                                                               | Number. |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| (1)                                                                                                                                                  | (2)     |
| Matters notified to H.M. Inspector of Factories :—                                                                                                   |         |
| Failure to affix Abstract of the Factory and Workshop Act (S. 133) ... ..                                                                            | 16      |
| Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (S. 5) ... | 1       |
| Other ... ..                                                                                                                                         | —       |
| Underground Bakehouses (S. 101) :—                                                                                                                   |         |
| Certificates granted during the year ... ..                                                                                                          | —       |
| In use at the end of the year ... ..                                                                                                                 | 67      |

TABLE I.

| YEAR.    | Civil<br>Population. | BIRTHS.                     |         |        | TOTAL DEATHS<br>REGISTERED IN THE<br>DISTRICT. |       | TRANSFERABLE<br>DEATHS.                                   |                                                            | NETT DEATHS BELONGING TO<br>THE DISTRICT. |                                      |              |         |
|----------|----------------------|-----------------------------|---------|--------|------------------------------------------------|-------|-----------------------------------------------------------|------------------------------------------------------------|-------------------------------------------|--------------------------------------|--------------|---------|
|          |                      | Un-<br>corrected<br>Number. | Number. | Rate   | Number.                                        | Rate  | of Non-<br>residents<br>registered<br>in the<br>District. | of Resi-<br>dents not<br>registered<br>in the<br>District. | Under 1 year of Age.                      |                                      | At all Ages. |         |
|          |                      |                             |         |        |                                                |       |                                                           |                                                            | Number.                                   | Rate per<br>1,000<br>Nett<br>Births. |              | Number. |
| 1918 ... | 121,656              | 2085                        | 2027    | †14·14 | 2196                                           | 18·05 | 247                                                       | 214                                                        | 146                                       | 72                                   | 2166         | 17·80   |

† Calculated on a population of 126,311 as instructed by the Registrar General.

Total Births notified were 2,083 ; (1) by doctors, 244 ; (2) by midwives, 1,511 ; (3) by parents, 284 ; by (1 and 2) 20 ; by (1 and 3) 7 ; by (2 and 3) 17.

In addition to above, 81 still births were notified.

TABLE II.

| Name of Ward.                                                                                                                                            | Births Registered in 1918. | Number of Deaths during 1918, from |            |                |             |                |          |                 |                        |                  |             |           |                            |         |                           |                                 |              |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------|------------|----------------|-------------|----------------|----------|-----------------|------------------------|------------------|-------------|-----------|----------------------------|---------|---------------------------|---------------------------------|--------------|---------------|
|                                                                                                                                                          |                            | All causes.                        | Influenza. | Scarlet Fever. | Diphtheria. | Enteric Fever. | Measles. | Whooping Cough. | Diarrhoea & Enteritis. | Puerperal Fever. | Erysipelas. | Phthisis. | Other Tubercular Diseases. | Cancer. | Bronchitis and Pneumonia. | All other Respiratory Diseases. | Prematurity. | Marasmus, &c. |
| King's Cliff ...                                                                                                                                         | 59 (2)                     | 105                                | 13         | 2              | 2           | —              | —        | —               | 4                      | —                | —           | 7         | 4                          | 8       | 10                        | 1                               | 1            | 1             |
| Queen's Park ...                                                                                                                                         | 99 (2)                     | 151                                | 29         | —              | —           | —              | 1        | —               | 6                      | —                | —           | 22        | 1                          | 10      | 33                        | 1                               | 2            | 1             |
| Pier ...                                                                                                                                                 | 171 (5)                    | 176                                | 24         | —              | 2           | —              | 1        | 2               | 1                      | 1                | —           | 20        | 6                          | 16      | 26                        | 1                               | 1            | 3             |
| Pavilion ...                                                                                                                                             | 49 (3)                     | 54                                 | 13         | —              | —           | —              | —        | —               | —                      | —                | —           | 5         | 1                          | 11      | 6                         | —                               | 2            | 1             |
| Regency ...                                                                                                                                              | 61 (2)                     | 92                                 | 21         | —              | 2           | —              | —        | —               | 1                      | —                | —           | 9         | 1                          | 9       | 16                        | —                               | —            | —             |
| West ...                                                                                                                                                 | 29 (6)                     | 52                                 | 5          | —              | —           | —              | —        | —               | —                      | —                | —           | 4         | —                          | 5       | 8                         | 1                               | 2            | —             |
| Montpelier ...                                                                                                                                           | 64 (9)                     | 94                                 | 14         | —              | —           | —              | 2        | —               | 1                      | —                | —           | 7         | 4                          | 18      | 12                        | —                               | —            | —             |
| St. Nicholas' ...                                                                                                                                        | 154 (5)                    | 144                                | 22         | —              | 1           | —              | 1        | 1               | 2                      | 1                | —           | 14        | 2                          | 10      | 29                        | 2                               | —            | 1             |
| St. John's... ..                                                                                                                                         | 221 (1)                    | 232                                | 45         | —              | 1           | —              | 3        | 5               | 4                      | —                | 1           | 13        | 5                          | 16      | 43                        | 5                               | 1            | 3             |
| Hanover ...                                                                                                                                              | 188                        | 197                                | 39         | 1              | 3           | 1              | 2        | 2               | 1                      | —                | —           | 21        | 6                          | 10      | 43                        | 3                               | —            | 3             |
| Lewes Road ...                                                                                                                                           | 262 (3)                    | 259                                | 35         | —              | —           | —              | 1        | 2               | 1                      | —                | —           | 37        | 8                          | 28      | 46                        | 3                               | 1            | 5             |
| St. Peter's ...                                                                                                                                          | 88 (3)                     | 122                                | 21         | —              | 2           | —              | —        | 2               | 3                      | —                | 1           | 17        | 1                          | 7       | 17                        | 1                               | 1            | —             |
| Preston Park ...                                                                                                                                         | 191 (7)                    | 207                                | 32         | —              | 2           | —              | 1        | 1               | 1                      | —                | —           | 15        | 5                          | 30      | 20                        | 6                               | 5            | —             |
| Preston ...                                                                                                                                              | 230 (11)                   | 250                                | 48         | —              | 1           | —              | —        | 2               | 4                      | —                | —           | 27        | 5                          | 24      | 20                        | 6                               | 3            | 3             |
| Unknown address                                                                                                                                          | *19                        | †31                                | 6          | —              | —           | —              | —        | —               | —                      | —                | —           | 3         | —                          | 2       | 3                         | 1                               | —            | 1             |
| Mothers confined in but not belonging to Brighton in Private Houses, 96 ; Nursing Homes, 81; Infirmary, 5; Lying-in Hospital, 15; Finsbury Road Home, 3. | 200                        | —                                  | —          | —              | —           | —              | —        | —               | —                      | —                | —           | —         | —                          | —       | —                         | —                               | —            | —             |
| Total ...                                                                                                                                                | 2085                       | 2166                               | 367        | 3              | 16          | 1              | 12       | 17              | 29                     | 2                | 2           | 221       | 49                         | 204     | 332                       | 31                              | 19           | 22            |

† Of these 17 died in Poor Law Institutions, 12 in the Brighton Borough Asylum, and 2 were found drowned.

\* Of these Births 15 occurred in Nursing Homes and 4 in Poor Law Institution.

The figures in brackets represent children born in Nursing Homes. The births have been allocated to the Ward in which mother lived.

**TABLE III.**  
**INFANT MORTALITY, 1918—Net Deaths from stated Causes at various ages under One Year of age.**

| CAUSE OF DEATH.                                  | Under 1 week. | 1-2 Weeks. | 2-3 Weeks. | 3-4 Weeks. | Total under 4 weeks. | 1-2 Months. | 2-3 Months. | 3-4 Months. | 4-5 Months. | 5-6 Months. | 6-7 Months. | 7-8 Months. | 8-9 Months. | 9-10 Months. | 10-11 Months. | 11-12 Months. | Total Deaths under One Year. |
|--------------------------------------------------|---------------|------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|------------------------------|
| Uncertified Deaths ...                           | 2             | —          | —          | —          | —                    | —           | —           | —           | —           | —           | —           | —           | —           | —            | —             | —             | —                            |
| Whooping Cough ...                               | —             | —          | —          | —          | —                    | —           | —           | —           | 3           | —           | 1           | —           | 1 (1)       | 1 (1)        | —             | 1             | 7 (2)                        |
| Influenza ...                                    | —             | —          | —          | —          | 1                    | —           | —           | —           | —           | —           | —           | —           | —           | 1            | —             | —             | 2                            |
| Erysipelas ...                                   | 1             | —          | —          | —          | —                    | 1           | —           | —           | —           | —           | —           | —           | —           | —            | —             | —             | 2                            |
| Pulmonary Tuberculosis ...                       | —             | —          | —          | —          | —                    | —           | —           | —           | —           | —           | —           | —           | —           | —            | 1             | —             | 1                            |
| Tubercular Meningitis ...                        | —             | —          | —          | —          | —                    | —           | —           | —           | —           | —           | —           | —           | —           | —            | —             | —             | 1                            |
| Rickets ...                                      | —             | —          | —          | —          | —                    | —           | 1 (1)       | —           | —           | —           | —           | —           | —           | —            | —             | —             | 1 (1)                        |
| Syphilis ...                                     | —             | —          | —          | 1 (1)      | 1 (1)                | —           | 2 (1)       | 1 (1)       | —           | —           | —           | —           | —           | —            | —             | —             | 5 (4)                        |
| Cerebro-Spinal Fever ...                         | —             | —          | —          | —          | —                    | —           | —           | —           | —           | —           | —           | 1           | —           | —            | —             | —             | 1                            |
| Basal Meningitis ...                             | —             | —          | —          | —          | —                    | —           | —           | —           | —           | 1           | —           | —           | —           | —            | —             | —             | 1                            |
| Cerebral Meningitis ...                          | —             | —          | —          | —          | —                    | —           | —           | —           | —           | —           | —           | —           | —           | —            | —             | —             | 1                            |
| Convulsions ...                                  | 1             | 1          | —          | —          | 2                    | 3 (1)       | 1           | 1           | —           | —           | 1           | —           | —           | —            | —             | —             | 8 (1)                        |
| Dentition ...                                    | —             | —          | —          | —          | —                    | —           | —           | —           | —           | —           | —           | —           | —           | —            | —             | —             | 1                            |
| Bronchitis ...                                   | —             | —          | —          | —          | —                    | 2           | 1 (1)       | 1           | 1           | —           | 2           | 1           | 2           | —            | 1             | —             | 11 (1)                       |
| Broncho-Pneumonia ...                            | —             | —          | —          | 1          | 1                    | 3 (1)       | 1           | 1 (1)       | 2           | —           | 3 (1)       | —           | 1           | 2            | 1             | 2             | 17 (3)                       |
| Lobar-Pneumonia ...                              | —             | —          | —          | —          | 1                    | 1           | 1           | 1           | —           | —           | —           | 1           | —           | —            | —             | —             | 1                            |
| Other Pneumonia ...                              | 1             | —          | —          | —          | 3                    | —           | —           | —           | —           | —           | —           | —           | —           | —            | —             | —             | 6                            |
| Pulmonary Congestion ...                         | 1             | 1          | 1          | —          | —                    | —           | —           | —           | —           | —           | —           | —           | —           | —            | —             | 1             | 3                            |
| Gastritis ...                                    | —             | —          | —          | —          | —                    | 2           | —           | —           | —           | —           | —           | —           | —           | 1            | —             | 1             | 2                            |
| Persistent Vomiting ...                          | —             | —          | —          | —          | —                    | 1 (1)       | —           | —           | —           | —           | —           | —           | —           | —            | —             | —             | 2                            |
| Infective Enteritis ...                          | —             | —          | —          | —          | —                    | —           | —           | —           | —           | —           | —           | —           | —           | —            | —             | 1             | 4 (1)                        |
| Diarrhoea (not returned as Infective) ...        | —             | —          | 1          | —          | 1                    | —           | —           | 1           | —           | —           | —           | —           | —           | —            | —             | —             | 3                            |
| Enteritis (not returned as Infective) ...        | —             | —          | —          | —          | —                    | —           | —           | 1           | —           | —           | —           | —           | 1           | —            | —             | —             | 2                            |
| Gastro-Enteritis (not returned as Infective) ... | —             | —          | —          | —          | —                    | —           | —           | 1 (1)       | —           | —           | —           | —           | —           | —            | —             | —             | 1 (1)                        |
| Intussusception ...                              | —             | —          | —          | —          | —                    | —           | —           | 1           | —           | 1           | —           | —           | —           | —            | —             | —             | 2                            |

Figures in bracket ( ) represent deaths of Illegitimate Children.

INFANT MORTALITY TABLE III. — (continued).

| CAUSE OF DEATH.                                 | Under 1 week. | 1-2 Weeks. | 2-3 Weeks. | 3-4 Weeks. | Total under 4 weeks. | 1-2 Months. | 2-3 Months. | 3-4 Months. | 4-5 Months. | 5-6 Months. | 6-7 Months. | 7-8 Months. | 8-9 Months. | 9-10 Months. | 10-11 Months. | 11-12 Months. | Total Deaths Under One Year. |
|-------------------------------------------------|---------------|------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|------------------------------|
| Circumcision ... ..                             | —             | —          | 1          | —          | 1                    | —           | —           | —           | —           | —           | —           | —           | —           | —            | —             | —             | 1                            |
| Congenital Malformation of Heart ... ..         | 1             | 1          | 1          | —          | 3                    | —           | —           | —           | 1 (1)       | —           | —           | —           | —           | —            | 1             | —             | 5 (1)                        |
| Spina Bifida ... ..                             | —             | 1          | 1          | —          | 2                    | —           | —           | —           | 1           | —           | —           | —           | —           | —            | —             | —             | 3                            |
| Premature Birth ... ..                          | 18 (4)        | —          | 1          | —          | 19 (4)               | —           | —           | —           | —           | —           | —           | —           | —           | —            | —             | —             | 19 (4)                       |
| Infantile Atrophy, Debility and Marasmus ... .. | 9 (4)         | 2 (1)      | —          | —          | 11 (5)               | 4 (1)       | 1 (1)       | 1           | 1 (1)       | —           | —           | —           | —           | —            | —             | —             | 20 (9)                       |
| Want of Breast Milk ... ..                      | —             | —          | 1          | —          | 1                    | —           | —           | —           | —           | —           | —           | —           | —           | —            | —             | —             | 1                            |
| Atelectasis ... ..                              | 6 (2)         | —          | —          | —          | 6 (2)                | —           | —           | —           | —           | —           | —           | —           | —           | —            | —             | —             | 6 (2)                        |
| Injuries at Birth ... ..                        | 2             | —          | —          | —          | 2                    | —           | —           | —           | —           | —           | —           | —           | —           | —            | —             | —             | 2                            |
| Suffocation whilst sleeping with parents... ..  | 1             | —          | —          | —          | 1                    | —           | —           | —           | —           | —           | —           | —           | —           | —            | —             | —             | 1                            |
| Suffocation from Strangulation ... ..           | 1             | —          | —          | —          | 1                    | —           | —           | —           | —           | —           | —           | —           | —           | —            | —             | —             | 1                            |
| Ill defined ... ..                              | —             | —          | —          | —          | —                    | 1           | 1 (1)       | —           | —           | —           | —           | —           | —           | —            | —             | —             | 2 (1)                        |
| Totals ... ..                                   | 42(10)        | 6 (1)      | 7          | 2 (1)      | 57 (12)              | 19 (5)      | 9 (5)       | 10 (3)      | 10 (2)      | 4 (1)       | 8 (1)       | 3           | 7 (1)       | 9 (1)        | 5             | 5             | 146(31)                      |

Figures in brackets ( ) represent deaths of Illegitimate Children



TABLE IV.—(continued).

| CAUSES OF DEATH.                    | Total Deaths<br>at all Ages. | AGES AT DEATH. |    |     |    |     |    |     |    |     |    |     |    |      |    |       |    |       |    | Total Deaths<br>whether Resident in<br>Public Institutions<br>in the District. |       |    |       |    |       |    |       |    |       |    |       |    |       |    |      |    |                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                                     |                              | To'al.         |    | 0-1 |    | 1-2 |    | 2-3 |    | 3-4 |    | 4-5 |    | 5-10 |    | 10-15 |    | 15-20 |    |                                                                                | 20-25 |    | 25-35 |    | 35-45 |    | 45-55 |    | 55-65 |    | 65-75 |    | 75-85 |    | 85 + |    | Un-<br>known<br>Age. |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                     |                              | M.             | F. | M.  | F. | M.  | F. | M.  | F. | M.  | F. | M.  | F. | M.   | F. | M.    | F. | M.    | F. |                                                                                | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.   | F. | M.                   | F. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| General Diseases ( <i>contd.</i> )— |                              |                |    |     |    |     |    |     |    |     |    |     |    |      |    |       |    |       |    |                                                                                |       |    |       |    |       |    |       |    |       |    |       |    |       |    |      |    |                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

TABLE IV.—(continued).

| CAUSES OF DEATH.                                     | Total Deaths at all Ages. | AGES AT DEATH. |    |     |    |     |    |     |    |     |    |     |    |      |    |       |    | Total Deaths whether Resident in Public Institutions or Non-Resident in the District. |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |      |    |               |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                                                      |                           | Total.         |    | 0-1 |    | 1-2 |    | 2-3 |    | 3-4 |    | 4-5 |    | 5-10 |    | 10-15 |    | 15-20                                                                                 |    | 20-25 |    | 25-35 |    | 35-45 |    | 45-55 |    | 55-65 |    | 65-75 |    | 75-85 |    | 85 + |    | Un-known Age. |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                      |                           | M.             | F. | M.  | F. | M.  | F. | M.  | F. | M.  | F. | M.  | F. | M.   | F. | M.    | F. | M.                                                                                    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.    | F. | M.   | F. | M.            | F. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Diseases of the Nervous System<br>( <i>contd.</i> )— |                           |                |    |     |    |     |    |     |    |     |    |     |    |      |    |       |    |                                                                                       |    |       |    |       |    |       |    |       |    |       |    |       |    |       |    |      |    |               |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



TABLE IV.—(continued).

| CAUSES OF DEATH.                              | AGES AT DEATH. |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |               | Total Deaths at all Ages. | Total Deaths whether Resident in Public Institutions or Non-Resident in the District. |       |  |
|-----------------------------------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|---------------------------|---------------------------------------------------------------------------------------|-------|--|
|                                               |                |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |               |                           |                                                                                       |       |  |
|                                               | Total.         | 0-1   | 1-2   | 2-3   | 3-4   | 4-5   | 5-10  | 10-15 | 15-20 | 20-25 | 25-35 | 35-45 | 45-55 | 55-65 | 65-75 | 75-85 | 85 +  | Un-known Age. |                           |                                                                                       |       |  |
| M. F.                                         | M. F.          | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F.         | M. F.                     | M. F.                                                                                 | M. F. |  |
| V.—DISEASES OF THE DIGESTIVE SYSTEM (Contd.)— |                |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |               |                           |                                                                                       |       |  |
| Diarrhoea and Enteritis.                      | 6              | 3     | 3     | 1     | 3     | 1     | 1     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...           | ...                       | ...                                                                                   | 2     |  |
|                                               | 16             | 8     | 8     | 1     | 2     | 4     | 2     | 2     | ...   | ...   | ...   | 1     | ...   | ...   | 1     | 1     | ...   | ...           | ...                       | ...                                                                                   | 1     |  |
|                                               | 5              | 2     | 3     | 1     | 1     | ...   | ...   | 1     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...           | ...                       | ...                                                                                   | 2     |  |
|                                               | 2              | 2     | ...   | 1     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 1     | ...   | ...   | ...           | ...                       | ...                                                                                   | 4     |  |
|                                               | 1              | ...   | 1     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...           | ...                       | ...                                                                                   | 3     |  |
|                                               | 2              | 2     | ...   | ...   | ...   | ...   | 2     | ...   | ...   | ...   | ...   | ...   | ...   | 2     | ...   | 1     | 2     | ...           | ...                       | ...                                                                                   | 8     |  |
|                                               | 5              | 3     | 2     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 1     | ...   | ...   | 1     | 1     | ...   | ...           | ...                       | ...                                                                                   | 9     |  |
|                                               | 7              | 4     | 3     | ...   | 2     | ...   | ...   | ...   | 1     | ...   | ...   | ...   | 1     | 2     | 1     | 1     | ...   | ...           | ...                       | ...                                                                                   | 3     |  |
|                                               | 7              | 4     | 3     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 1     | ...   | 2     | ...   | ...   | ...   | ...           | ...                       | ...                                                                                   | ...   |  |
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| 4                                             | 3              | 1     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...           | ...                       | ...                                                                                   |       |  |
| 11                                            | 9              | 11    | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 1     | ...   | ...   | ...   | ...   | ...   | ...           | ...                       | ...                                                                                   | ...   |  |
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| ...                                           | ...            | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...           | ...                       | ...                                                                                   | ...   |  |
| ...                                           | ...            | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...           | ...                       | ...                                                                                   | ...   |  |
| ...                                           | ...            | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   |       |       |       |       |       |       |       |               |                           |                                                                                       |       |  |

TABLE IV.—(continued).

| CAUSES OF DEATH.                                           | Total Deaths at all Ages. | AGES AT DEATH. |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |               | Total Deaths whether Resident in Public Institutions or Non-Resident in the District. |
|------------------------------------------------------------|---------------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|---------------------------------------------------------------------------------------|
|                                                            |                           | Total.         | 0-1   | 1-2   | 2-3   | 3-4   | 4-5   | 5-10  | 10-15 | 15-20 | 20-25 | 25-35 | 35-45 | 45-55 | 55-65 | 65-75 | 75-85 | 85 +  | Un-known Age. |                                                                                       |
|                                                            |                           |                | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F.         |                                                                                       |
| Non-Venereal Diseases, etc. ( <i>contd.</i> )              |                           |                |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |               |                                                                                       |
| Other Diseases of the Kidney and Annexa ...                | 2                         | 1              | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 1     | ...   | ...   | 1     | ...           | ...                                                                                   |
| Caleuli of the Urinary Passage                             | 1                         | 1              | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 1     | ...   | ...   | ...   | ...           | ...                                                                                   |
| Diseases of the Bladder                                    | 5                         | 4              | 1     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 1     | ...   | ...   | ...   | ...   | 1     | 1     | 2     | ...           | ...                                                                                   |
| " " Urethra                                                | 1                         | 1              | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 1     | ...   | ...   | ...   | ...   | ...           | ...                                                                                   |
| " " Prostate                                               | 6                         | 6              | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 1     | ...   | 3     | ...   | ...   | ...           | ...                                                                                   |
| Non-Venereal Diseases of the Male Genital Organs...        |                           | 1              | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 3     | ...   | ...   | ...   | ...           | ...                                                                                   |
| Uterine tumour ...                                         | 1                         | 1              | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 1     | ...   | ...   | ...   | ...   | ...   | ...   | ...           | ...                                                                                   |
| Ovarian Cyst, Tumour ...                                   | 4                         | ...            | 4     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 2     | ...   | ...   | ...   | ...   | ...   | ...           | 4                                                                                     |
|                                                            | 2                         | ...            | 2     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 2     | ...   | ...   | ...           | ...                                                                                   |
| VII.—THE PUERPERAL STATE —                                 |                           |                |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |               |                                                                                       |
| Puerperal Fever. ...                                       | 2                         | ...            | 2     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 2     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...           | 2                                                                                     |
| Puerperal Convulsions ...                                  | 1                         | ...            | 1     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 1     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...           | ...                                                                                   |
| VIII.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE—     |                           |                |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |               |                                                                                       |
| Senile Gangrene...                                         | 2                         | 2              | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 2     | ...           | 2                                                                                     |
| Other Gangrene ...                                         | 2                         | ...            | 2     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 1     | ...   | ...   | ...   | ...   | ...   | ...           | 1                                                                                     |
| Cellulitis ...                                             | 1                         | 1              | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 1     | ...   | ...   | ...   | ...           | 1                                                                                     |
| Carbuncle                                                  | 1                         | ...            | 1     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | 1     | ...   | ...   | ...   | ...   | ...   | ...           | ...                                                                                   |
| Acute Abscess ...                                          | 1                         | ...            | 1     | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...           | ...                                                                                   |
| Diseases of the Integumentary System                       |                           | ...            | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...           | 1                                                                                     |
| IX.—DISEASES OF THE BONES AND OF THE ORGANS OF LOCOMOTION— |                           |                |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |               |                                                                                       |
| Diseases of the Bones ...                                  |                           | ...            | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...           | 2                                                                                     |

TABLE IV.—(continued).

| CAUSES OF DEATH.                              | Total Deaths<br>at all Ages. | AGES AT DEATH. |     |     |     |     |     |     |     |     |     |     |     |      |     |       |     |       |     | Total Deaths<br>whether Resident in<br>Public Institutions<br>or Non-Resident in<br>the District. |       |     |       |     |       |     |       |     |       |     |       |     |       |     |      |     |                      |     |  |
|-----------------------------------------------|------------------------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-------|-----|-------|-----|---------------------------------------------------------------------------------------------------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|------|-----|----------------------|-----|--|
|                                               |                              | Total.         |     | 0-1 |     | 1-2 |     | 2-3 |     | 3-4 |     | 4-5 |     | 5-10 |     | 10-15 |     | 15-20 |     |                                                                                                   | 20-25 |     | 25-35 |     | 35-45 |     | 45-55 |     | 55-65 |     | 65-75 |     | 75-85 |     | 85 + |     | Un-<br>known<br>Age. |     |  |
|                                               |                              | M.             | F.  | M.  | F.  | M.  | F.  | M.  | F.  | M.  | F.  | M.  | F.  | M.   | F.  | M.    | F.  | M.    | F.  |                                                                                                   | M.    | F.  | M.    | F.  | M.    | F.  | M.    | F.  | M.    | F.  | M.    | F.  | M.    | F.  | M.   | F.  | M.                   | F.  |  |
|                                               |                              |                |     |     |     |     |     |     |     |     |     |     |     |      |     |       |     |       |     |                                                                                                   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |      |     |                      |     |  |
| X.—MALFORMATIONS—                             |                              |                |     |     |     |     |     |     |     |     |     |     |     |      |     |       |     |       |     |                                                                                                   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |      |     |                      |     |  |
| Congenital Malformation of Heart ...          | 7                            | 2              | 5   | 2   | 3   | 1   |     |     |     |     |     |     |     |      |     |       |     |       |     | 1                                                                                                 |       |     |       |     |       |     |       |     |       |     |       |     |       |     |      |     |                      | 1   |  |
| Other Congenital Malformations                | 3                            | 2              | 1   | 2   | 1   |     |     |     |     |     |     |     |     |      |     |       |     |       |     |                                                                                                   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |      |     |                      | 1   |  |
| Congenital Hydrocephalus ...                  | ...                          | ...            | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...  | ... | ...   | ... | ...   | ... | ...                                                                                               | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...  | ... |                      | 1   |  |
| XI.—DISEASES OF EARLY INFANCY—                |                              |                |     |     |     |     |     |     |     |     |     |     |     |      |     |       |     |       |     |                                                                                                   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |      |     |                      |     |  |
| Premature Birth ...                           | 19                           | 6              | 13  | 6   | 13  |     |     |     |     |     |     |     |     |      |     |       |     |       |     |                                                                                                   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |      |     |                      | ... |  |
| Infantile Atrophy, Debility, Marasmus ...     | 22                           | 18             | 4   | 16  | 4   | 2   |     |     |     |     |     |     |     |      |     |       |     |       |     |                                                                                                   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |      |     | 9                    |     |  |
| Want of Breast Milk ...                       | 1                            | ...            | 1   | ... | 1   |     |     |     |     |     |     |     |     |      |     |       |     |       |     |                                                                                                   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |      |     | ...                  |     |  |
| Atelectasis ...                               | 6                            | 4              | 2   | 4   | 2   |     |     |     |     |     |     |     |     |      |     |       |     |       |     |                                                                                                   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |      |     | 1                    |     |  |
| Injuries at Birth ...                         | 2                            | ...            | 2   | 2   |     |     |     |     |     |     |     |     |     |      |     |       |     |       |     |                                                                                                   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |      |     | 2                    |     |  |
| XII.—Old Age ...                              | 123                          | 47             | 76  |     |     |     |     |     |     |     |     |     |     |      |     |       |     |       |     |                                                                                                   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |      |     |                      | 30  |  |
| XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES— |                              |                |     |     |     |     |     |     |     |     |     |     |     |      |     |       |     |       |     |                                                                                                   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |      |     |                      |     |  |
| Poison ...                                    | ...                          | ...            | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...  | ... | ...   | ... | ...   | ... | ...                                                                                               | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...  | ... | 1                    |     |  |
| Hanging ...                                   | 2                            | 2              | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...  | ... | ...   | ... | ...   | ... | ...                                                                                               | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...  | ... | ...                  |     |  |
| Drowning ...                                  | 2                            | 2              | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...  | ... | ...   | ... | ...   | ... | ...                                                                                               | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...  | ... | ...                  |     |  |
| Shooting ...                                  | 1                            | ...            | 1   | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...  | ... | ...   | ... | ...   | ... | ...                                                                                               | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...  | ... | ...                  |     |  |
| Cutting Throat ...                            | 3                            | 2              | 1   | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...  | ... | ...   | ... | ...   | ... | ...                                                                                               | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...  | ... | ...                  |     |  |
| Jumping from High Place                       | 1                            | 1              | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...  | ... | ...   | ... | ...   | ... | ...                                                                                               | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...  | ... | ...                  |     |  |
| Burns ...                                     | 2                            | ...            | 2   | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...  | ... | ...   | ... | ...   | ... | ...                                                                                               | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...   | ... | ...  | ... | ...                  |     |  |

TABLE IV.—(continued).

| CAUSES OF DEATH.                                                   | Total Deaths<br>at all Ages. | AGES AT DEATH. |    |     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |      | Total Deaths<br>whether Resident in<br>Public Institutions<br>or Non-Resident in<br>the District. |                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------------|------------------------------|----------------|----|-----|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|---------------------------------------------------------------------------------------------------|----------------------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                                                                    |                              | Total.         |    | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-10 | 10-15 | 15-20 | 20-25 | 25-35 | 35-45 | 45-55 | 55-65 | 65-75 | 75-85 | 85 + |                                                                                                   | Un-<br>known<br>Age. |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                    |                              | M.             | F. | M.  | F.  | M.  | F.  | M.  | F.   | M.    | F.    | M.    | F.    | M.    | F.    | M.    | F.    | M.    | F.   |                                                                                                   | M.                   | F. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| XIII —AFFECTIONS PRODUCED BY<br>EXTERNAL CAUSES ( <i>Contd.</i> )— |                              |                |    |     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |      |                                                                                                   |                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**TABLE V.**  
*Cases of Infectious Diseases Notified during the Year 1918.*

| NOTIFIABLE<br>DISEASE.                | CASES NOTIFIED IN WHOLE BOROUGH. |                |     |     |    |    |    |     |    |    | TOTAL CASES NOTIFIED IN EACH WARD. |                    |            |                |               |            |                  |                     |                  |                |                   |                    |                     |                | PATIENTS REMOVED TO<br>ISOLATION HOSPITAL. |   |   |   |   |     |
|---------------------------------------|----------------------------------|----------------|-----|-----|----|----|----|-----|----|----|------------------------------------|--------------------|------------|----------------|---------------|------------|------------------|---------------------|------------------|----------------|-------------------|--------------------|---------------------|----------------|--------------------------------------------|---|---|---|---|-----|
|                                       | At all Ages.                     | At Ages—Years. |     |     |    |    |    |     |    |    | King's Cliff<br>1.                 | Queen's Park<br>2. | Pier<br>3. | Pavilion<br>4. | Regency<br>5. | West<br>6. | Montpelier<br>7. | St. Nicholas'<br>8. | St. John's<br>9. | Hanover<br>10. | Lewes Road<br>11. | St. Peter's<br>12. | Preston Park<br>13. | Preston<br>14. |                                            |   |   |   |   |     |
|                                       |                                  |                |     |     |    |    |    |     |    |    |                                    |                    |            |                |               |            |                  |                     |                  |                |                   |                    |                     |                |                                            |   |   |   |   |     |
| Measles ...                           | 1042                             | 29             | 463 | 407 | 85 | 23 | 18 | 13  | 2  | 2  | —                                  | 1                  | —          | —              | —             | —          | —                | 18                  | 24               | 29             | 24                | 8                  | —                   | —              | —                                          | — | — | — | — | 216 |
| German Measles ...                    | 51                               | 3              | 11  | 12  | 9  | 2  | 7  | 4   | —  | —  | —                                  | —                  | —          | —              | —             | —          | —                | 5                   | 7                | 2              | 9                 | 1                  | —                   | —              | —                                          | — | — | — | — | —   |
| Diphtheria ...                        | 235                              | —              | 41  | 97  | 42 | 15 | 11 | 21  | 4  | 3  | 6                                  | 11                 | 4          | 15             | 3             | —          | —                | 12                  | 9                | 2              | 9                 | 8                  | —                   | —              | —                                          | — | — | — | — | —   |
| Erysipelas ...                        | 52                               | 2              | 3   | 1   | 2  | 2  | 6  | 7   | 4  | 3  | 3                                  | 6                  | 4          | 1              | —             | —          | —                | 5                   | 12               | 8              | 14                | 3                  | —                   | —              | —                                          | — | — | — | — | —   |
| Scarlet Fever ...                     | 154                              | 1              | 36  | 58  | 34 | 7  | 9  | 5   | 1  | 3  | 3                                  | 9                  | —          | 1              | —             | —          | —                | 12                  | 12               | 8              | 14                | 3                  | —                   | —              | —                                          | — | — | — | — | 126 |
| Enteric Fever ...                     | 23                               | —              | —   | 1   | 2  | 6  | 4  | 4   | —  | —  | —                                  | —                  | —          | —              | —             | —          | —                | 3                   | 1                | 1              | 1                 | —                  | —                   | —              | —                                          | — | — | — | — | 19  |
| Puerperal Fever ...                   | 2                                | —              | —   | —   | —  | —  | —  | 2   | —  | —  | —                                  | —                  | —          | —              | —             | —          | —                | —                   | —                | —              | —                 | —                  | —                   | —              | —                                          | — | — | — | — | —   |
| Cerebro-Spinal Fever ...              | 7                                | 1              | 4   | —   | 1  | —  | —  | 1   | —  | —  | —                                  | —                  | —          | —              | —             | —          | —                | —                   | 3                | 2              | 1                 | —                  | —                   | —              | —                                          | — | — | — | — | 6   |
| Acute Anterior Polio-<br>myelitis ... | 1                                | —              | 1   | —   | —  | —  | —  | —   | —  | —  | —                                  | —                  | —          | —              | —             | —          | —                | —                   | —                | —              | —                 | —                  | —                   | —              | —                                          | — | — | — | — | —   |
| Ophthalmia Neonatorum ...             | 21                               | 21             | —   | —   | —  | —  | —  | —   | —  | —  | —                                  | —                  | —          | —              | —             | —          | —                | —                   | 1                | 1              | 2                 | 1                  | —                   | —              | —                                          | — | — | — | — | —   |
| Pulmonary Tuberculosis...             | 431                              | —              | 3   | 11  | 19 | 41 | 57 | 101 | 99 | 62 | 25                                 | 13                 | —          | —              | —             | —          | —                | 35                  | 37               | 29             | 51                | 18                 | —                   | —              | —                                          | — | — | — | — | 147 |
| Other forms of Tubercu-<br>losis ...  | 126                              | 4              | 28  | 33  | 18 | 13 | 9  | 9   | 8  | —  | 1                                  | 3                  | —          | —              | —             | —          | —                | 7                   | 20               | 10             | 23                | 4                  | 10                  | 17             | —                                          | — | — | — | — | 8   |

### **RE-ARRANGEMENT OF SCHOOL MEDICAL WORK.**

During 1918, Dr. Hutt and Dr. Adamson were absent on active service, their duties being carried out by Dr. England as a full time officer, also the Medical Officer of Health and Infant Welfare Officer, as part time officers.

Refractions were carried out by Dr. Ryle, who also assisted Dr. England at the Skin Clinic.

Operative treatment of tonsils and adenoids was carried out at the Royal Alexandra Hospital for Sick Children by Mr. Morgan, Mr. Taylor and Dr. Parry, Dr. England acting as anaesthetist.

The only Clinic discontinued in 1918 was that for X-ray treatment of ringworm.

Mr. Andrew was absent from April, 1918, the Dental Clinic being carried on till July by Mr. Lambert. Thereafter dental treatment ceased until Mr. Andrew's return in February, 1919.

# GENERAL STATEMENT OF THE EXTENT AND SCOPE OF MEDICAL INSPECTION DURING 1918.

NUMBER OF CHILDREN INSPECTED 6470.

## *Routine Medical Inspection.*

| Age ...    | ENTRANTS. |     |     |     |             |        | LEAVERS. |     |    |             |        | Grand Total. |
|------------|-----------|-----|-----|-----|-------------|--------|----------|-----|----|-------------|--------|--------------|
|            | 3         | 4   | 5   | 6   | Other Ages. | Total. | 12       | 13  | 14 | Other Ages. | Total. |              |
| Boys ...   | 72        | 227 | 450 | 194 | —           | 943    | 516      | 426 | 9  | —           | 951    | 1894         |
| Girls ...  | 53        | 191 | 372 | 219 | —           | 835    | 507      | 382 | 12 | 1           | 902    | 1737         |
| Totals ... | 125       | 418 | 822 | 413 | —           | 1778   | 1023     | 808 | 21 | 1           | 1853   | 3631         |

  

| Age ...    | Intermediate Group. |     |     |     |     | Special Cases. | Re-examinations<br>(i.e.) No. of children re-examined. |
|------------|---------------------|-----|-----|-----|-----|----------------|--------------------------------------------------------|
|            | 7                   | 8   | 9   | 10  | 11  |                |                                                        |
| Boys ...   | 110                 | 96  | 111 | 106 | 99  | 152            | 714                                                    |
| Girls ...  | 126                 | 118 | 87  | 116 | 102 | 176            | 726                                                    |
| Totals ... | 236                 | 214 | 198 | 222 | 201 | 328            | 1440                                                   |
| 1071       |                     |     |     |     |     |                |                                                        |

The children of the intermediate group examined included new entrants from schools outside the Borough.

From the routine medical inspection forty-eight children were referred for subsequent examination at the School Clinic, also a number of children were sent by the Head Teachers, School Nurses and School Attendance Officers. An analysis of the defects found is as follows :—

### *Inspection Clinic.*

|                            |     |                                  |     |
|----------------------------|-----|----------------------------------|-----|
| Mental Capacity ...        | 18  | Tuberculosis ...                 | 25  |
| Defects or Diseases of :—  |     | Rheumatism ...                   | 13  |
| Nose and Throat ...        | 109 | Infectious Diseases ...          | 43  |
| Glands of Neck ...         | 33  | Contacts with Infectious Di-     |     |
| Teeth ...                  | 18  | seases ...                       | 2   |
| Ear ...                    | 4   | Debility ...                     | 26  |
| Eye (excluding vision) ... | 12  | Rickets ...                      | 6   |
| Vision ...                 | 177 | Diseases of joints and bones ... | 4   |
| Circulatory System ...     | 23  | Accidents and injuries ...       | 16  |
| Respiratory System ...     | 64  | Other defects ...                | 153 |
| Nervous System ...         | 49  | No defect present ...            | 41  |
| Alimentary System ...      | 30  |                                  |     |
| Urogenital System ...      | 9   | Total No. of children ...        | 897 |
| Skin ...                   | 22  |                                  |     |

The number of attendances made by these children was 1,568.

During 1918, 56 school children found to be defective during their stay in the fever hospital, have been notified to the School Clinic by the Medical Officer of Health ; 37 of these children were notified because of enlarged tonsils and adenoids.

As children are so thoroughly examined during their stay in fever hospitals, the records made should be available for school clinic purposes. In Brighton this information has been found of great value.

### VERMINOUS CONDITIONS.

The number of attendances made at the Skin Clinic by verminous children in connection with the scheme was 1,278 made by 579 children.

The total number of prosecutions during 1918 was 15 ; in 8 instances a fine varying from 2s. 6d. to 10s. ; of two adjourned cases one was subsequently fined ; 5 cases withdrawn, making a total of 9 cases in which a fine was inflicted.

No prosecutions are instituted until the Committee have exhausted all other means of inducing the parents to cleanse their children.

### WORK OF THE SCHOOL NURSES AT THEIR ROUTINE VISIT TO THE SCHOOLS.

|                                          | No. of defective Children. |
|------------------------------------------|----------------------------|
| Verminous condition of head and body ... | 4537                       |
| Ringworm ... ..                          | 1314                       |
| Impetigo ... ..                          | 242                        |
| Scabies ... ..                           | 56                         |
| Other conditions ... ..                  | 584                        |
|                                          | <hr/> 6733 <hr/>           |

Number of visits to school department, 864.

### WORK IN CONNECTION WITH THE EDUCATION (PROVISION OF MEALS ACT), 1906 AND 1914.

Of the 11 children who received free meals 4 were recommended by the School Doctor on medical grounds ; 7 were not so recommended, but were fed on economic grounds.

### ENLARGED TONSILS AND ADENOIDS.

From February, 1913, up to December 31st, 1918, 1075 operations have been performed, 276 of these being carried out in 1918. In connection with these latter 303 attendances were made shortly after operation by 255 children.

The statistics for 1918 are as follows :—

- 51 attended one year after operation ; improvement noted.
- 276 were operated upon.
- In 11 the parents refused to allow operation.
- In 14 operation was postponed.
- In 36 it was decided that operation was unnecessary.

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Total 388

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## EAR DISEASE.

455 children suffering from ear discharge attended the Treatment Clinic on 6700 occasions and 31 children, suffering from other ear trouble, attended on 53 occasions.

## DISEASES OF THE EYE AND DEFECTIVE VISION.

At the Treatment Clinic 295 children suffering from such external eye disease as phlyctenular keratitis, conjunctivitis, ciliary blepharitis were treated : 1648 attendances were made.

351 children attended the refraction clinic on 543 occasions, of whom 326 had spectacles prescribed. In addition 6 boys residing at the Portslade Industrial School (London County Council) had spectacles prescribed.

329 children in all had their spectacles mended through the agency of the Education Committee ; 102 of these after having been seen at the Clinic.

## EDUCATION OF MENTALLY DEFECTIVE CHILDREN.

The facts relating to attendance, &c., are as follows :—Accommodation : 60, average number on roll for 1918, 59·5, average attendance : 52.

|                          |     |     |    |
|--------------------------|-----|-----|----|
| Attending January, 1918  | ... | ... | 60 |
| Admitted during 1918     | ... | ... | 13 |
| Left during 1918         | ... | ... | 15 |
| Attending December, 1918 |     |     | 58 |

The record of the children who have left the school during 1918 is as follows :—

### *Boys.*

Three certified as ineducable and referred to the Mental Deficiency Act Committee.

Five left : four at the age of 14 years and one at 15 years by consent of Committee, for work.

### *Girls.*

Two left at 16 years of age and referred to the Mental Deficiency Act Committee ; one remains at home, one works in a laundry.

Four certified as ineducable and referred to the Mental Deficiency Act Committee.

One child died.

Thus nine children, three boys and six girls were placed under the care of the Mental Deficiency Act Committee.

## REPORT OF THE WORK OF THE SCHOOL DENTIST.

Owing to the absence of the School Dentist, Mr. Andrew, from April onwards, very little inspection of the teeth of school children at the schools has been possible.

Examinations and treatment at the Dental Clinic were carried out by Mr. Andrew (whole time from January to April) and Mr. Lambert (three mornings a week from April to July).

*Inspection.*—The number of children examined at the one routine inspection made was 13, comprised as follows :—

| Infants. |        | Total. |
|----------|--------|--------|
| Boys.    | Girls. |        |
| 4 ...    | 9 ...  | 13     |

In addition 216 children were examined at the Dental Clinic, at the request of the Head Teachers, School Medical Staff, Parents, Hospitals, &c., making with the above a total of 229 examined.

*Treatment.*—1,234 attendances were made by 435 children of whom 219 attended at our request after routine inspection.

### *Summary of Teeth treated during 1918.*

|                 | Extractions.                   |                         |                       | Fillings.                       |               |         | Dressings. | Grindings. |
|-----------------|--------------------------------|-------------------------|-----------------------|---------------------------------|---------------|---------|------------|------------|
|                 | With Gas.<br>94 Chil-<br>dren. | Local Anaes-<br>thetic. | No. Anaes-<br>thetic. | Amal-<br>gam.<br>and<br>Cement. | Amal-<br>gam. | Cement. |            |            |
| Temporary ..... | 170                            | 274                     | 139                   | 10                              | 50            | 22      | 301        | 5          |
| Permanent ..... | 100                            | 16                      | —                     | 41                              | 193           | 373     | 106        | 8          |
| Total .....     | 270                            | 290                     | 139                   | 51                              | 243           | 395     | 407        | 13         |
|                 | 699                            |                         |                       | 689                             |               |         |            |            |

435 children treated. Average per child = 1·6 extraction, 1·6 fillings, 1 dressing.

(Extraction usually indicates the removal of the remains of a decayed tooth i.e., a “stump.”)

At the end of 1918, the number of children inspected and with charts of dental defects for re-inspection and treatment was 2,048.

## SKIN DISEASES.

The following table shews the forms of skin disease treated and number of cases and attendances for treatment :—

### *Treatment Clinic for Diseases of the Skin.*

| Disease.               | Total No. of<br>Children. | Total No. of<br>Attendances. |
|------------------------|---------------------------|------------------------------|
| Ringworm, scalp ... .. | 266                       | 2962                         |
| „ scalp and skin       | 29                        | 350                          |
| „ skin ... ..          | 83                        | 318                          |
| Impetigo, scalp ... .. | 211                       | 928                          |
| „ face ... ..          | 447                       | 1340                         |
| „ scalp and face ...   | 74                        | 386                          |
| „ other parts ...      | 126                       | 316                          |

|                     |     |     |     |      |     |       |
|---------------------|-----|-----|-----|------|-----|-------|
| Scabies             | ... | ... | ... | 435  | ... | 1805  |
| Alopecia            | ... | ... | ... | 7    | ... | 12    |
| Seborrhoea          | ... | ... | ... | 7    | ... | 11    |
| Eczema              | ... | ... | ... | 33   | ... | 105   |
| Septic Sores        | ... | ... | ... | 70   | ... | 230   |
| Other skin diseases | ... | ... | ... | 64   | ... | 126   |
| Other diseases      | ... | ... | ... | 144  | ... | 263   |
| Totals              | ... | ... | ... | 1906 | ... | 9,152 |

### RINGWORM OF THE SCALP.

We have during the last year continued our work of searching for cases of ringworm of the scalp among children living in the same house with known cases. The results have confirmed our opinion as to the necessity of this action.

Out of 247 house contacts, no less than 75 were affected with ringworm of the scalp, *i.e.*, at least one out of every four. As might be expected, the probabilities of acquiring the disease are less when the child lives in the same house but does not belong to the same family.

It will be seen that 12 of the 75 infected contacts were below school age and not in attendance at school.

Number of first cases in family or house investigated, 120.

#### *In same family :—*

|                   |     |     |     | Infected. |     | Not Infected. |
|-------------------|-----|-----|-----|-----------|-----|---------------|
| Below school age  | ... | ... | ... | 8         | ... | 43            |
| Attending school, |     |     |     |           |     |               |
| below school age  | ... | ... | ... | 4         | ... | 5             |
| Of school age     | ... | ... | ... | 53        | ... | 72            |
| Left school       | ... | ... | ... | -         | ... | -             |
|                   |     |     |     | 65        |     | 120           |

#### *In same house :—*

|                   |     |     |     |    |     |    |
|-------------------|-----|-----|-----|----|-----|----|
| Below school age  | ... | ... | ... | 4  | ... | 16 |
| Attending school, |     |     |     |    |     |    |
| below school age  | ... | ... | ... | -  | ... | 4  |
| Of school age     | ... | ... | ... | 6  | ... | 32 |
| Left school       | ... | ... | ... | -  | ... | -  |
|                   |     |     |     | 10 |     | 52 |

### ATTENDANCES AT SCHOOL CLINIC.

The total number of attendances at the School Clinic in 1918 was 23298, of which 21567 were attendances for treatment. These attendances were made by 6123 children.

## THE EDUCATION OF DEFECTIVE CHILDREN.

Mention has been made in an earlier part of the report of the arrangements for the education of mentally defective children. A certain number of other markedly defective children are maintained in Residential Institutions by the Education Committee. Thus there are at present three boys maintained in the Blind Asylum, Eastern Road, and two girls in the Barclay Home ; two boys and one girl are maintained at the Residential Institution for Epileptics at Lingfield ; four boys and two girls are maintained at the Deaf and Dumb Institution in Brighton.

## JUVENILE EMPLOYMENT.

Special reports for the information of the Juvenile Employment Bureau have been written regarding 36 children (16 boys and 20 girls) during 1918, as to suitable occupation in relation to physical defect.

The defects were as follows :—

|                          | Number. | Remarks.                                                                                                            |
|--------------------------|---------|---------------------------------------------------------------------------------------------------------------------|
| Tuberculosis ... ..      | 10      | In six the lungs were affected.                                                                                     |
| Heart Disease ... ..     | 8       | —                                                                                                                   |
| Nervous Disorders ... .. | 6       | All suffered from major Epilepsy.                                                                                   |
| Cripples ... ..          | 7       | Three suffered from Infantile Paralysis; two cong. dis. of hip ; one Hemiplegia ; one threatened hip joint disease. |
| Others ... ..            | 5       | —                                                                                                                   |

## EMPLOYMENT OF CHILDREN ACT.

Children licensed to perform in theatres, &c. ... .. 64

Children exempted when the performance was in aid of Charities 66

Two lists were sent in of children attending schools employed in shops :—

Boys ... .. 1653

Girls ... .. 240

The number of children exempted from school attendance was ... 43

Written notices sent in respect of irregular employment ... 56

Visits made to serve notices, to caution or to explain to employers the Bye-laws ... .. 473

## MEDICAL INSPECTION IN SECONDARY SCHOOLS.

This has been carried out as in former years.

TABLE II.

*Return of Defects found in the course of Medical Inspection  
in 1918.*

| DEFECT OR DISEASE.            |                               |     |     |     | CODE GROUPS.                   |                                                                                | SPECIALS.                      |                                                                                |
|-------------------------------|-------------------------------|-----|-----|-----|--------------------------------|--------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------|
|                               |                               |     |     |     | Number referred for Treatment. | Number requiring to be kept under observation, but not referred for Treatment. | Number referred for Treatment. | Number requiring to be kept under observation, but not referred for Treatment. |
| (1)                           |                               |     |     |     | (2)                            | (3)                                                                            | (4)                            | (5)                                                                            |
| SKIN                          | Malnutrition                  | ... | ... | ... | —                              | 2                                                                              | —                              | —                                                                              |
|                               | Uncleanliness—Head            | ... | ... | ... | —                              | 8                                                                              | 1                              | —                                                                              |
|                               | Body                          | ... | ... | ... | —                              | 20                                                                             | —                              | —                                                                              |
|                               | Ringworm—Head                 | ... | ... | ... | 30                             | —                                                                              | 2                              | —                                                                              |
|                               | Body                          | ... | ... | ... | 4                              | —                                                                              | 4                              | —                                                                              |
|                               | Scabies                       | ... | ... | ... | 42                             | 1                                                                              | 8                              | —                                                                              |
|                               | Impetigo                      | ... | ... | ... | 57                             | 2                                                                              | 28                             | 4                                                                              |
|                               | Other disease                 | ... | ... | ... | 19                             | 20                                                                             | 3                              | 7                                                                              |
| EYE                           | Defective Vision and Squint   | ... | ... | ... | 196                            | 6                                                                              | 44                             | 6                                                                              |
|                               | External Eye Disease          | ... | ... | ... | 39                             | 7                                                                              | 15                             | —                                                                              |
| EAR                           | Defective Hearing             | ... | ... | ... | 12                             | 10                                                                             | —                              | 3                                                                              |
|                               | Ear Disease                   | ... | ... | ... | 88                             | 28                                                                             | 14                             | 2                                                                              |
| TEETH—Dental Disease          |                               |     |     |     | ...                            | ...                                                                            | 15                             | 1                                                                              |
| NOSE<br>AND<br>THROAT         | Enlarged Tonsils              | ... | ... | ... | 173                            | 3                                                                              | 5                              | 1                                                                              |
|                               | Adenoids...                   | ... | ... | ... | 47                             | 208                                                                            | 1                              | 7                                                                              |
|                               | Enlarged Tonsils and Adenoids | ... | ... | ... | 88                             | 1                                                                              | 3                              | —                                                                              |
| Defective Speech              |                               |     |     |     | ...                            | ...                                                                            | —                              | 10                                                                             |
| HEART<br>AND CIR-<br>CULATION | Heart Disease—Organic         | ... | ... | ... | —                              | 17                                                                             | —                              | —                                                                              |
|                               | Functional                    | ... | ... | ... | —                              | 5                                                                              | —                              | —                                                                              |
|                               | Anaemia                       | ... | ... | ... | 5                              | 10                                                                             | 1                              | 1                                                                              |
| LUNGS                         | Pulmonary Tuberculosis :—     | ... | ... | ... | —                              | —                                                                              | —                              | —                                                                              |
|                               | Definite                      | ... | ... | ... | 2                              | 4                                                                              | —                              | 1                                                                              |
|                               | Suspected                     | ... | ... | ... | —                              | —                                                                              | —                              | —                                                                              |
|                               | Chronic Bronchitis            | ... | ... | ... | 2                              | 4                                                                              | —                              | —                                                                              |
|                               | Other Disease                 | ... | ... | ... | —                              | 3                                                                              | —                              | —                                                                              |
| NERVOUS<br>SYSTEM             | Epilepsy                      | ... | ... | ... | 1                              | 8                                                                              | —                              | —                                                                              |
|                               | Chorea                        | ... | ... | ... | 1                              | —                                                                              | 2                              | —                                                                              |
|                               | Other disease                 | ... | ... | ... | 22                             | 17                                                                             | 1                              | —                                                                              |
| Non-Pulmonary Tuberculosis :  |                               |     |     |     |                                |                                                                                |                                |                                                                                |
|                               | Glands                        | ... | ... | ... | 2                              | 3                                                                              | —                              | —                                                                              |
|                               | Bones and Joints              | ... | ... | ... | 6                              | 8                                                                              | —                              | —                                                                              |
|                               | Other Forms                   | ... | ... | ... | —                              | —                                                                              | —                              | —                                                                              |
|                               | Rickets                       | ... | ... | ... | —                              | 15                                                                             | —                              | 1                                                                              |
|                               | Deformities                   | ... | ... | ... | 8                              | 190                                                                            | —                              | —                                                                              |
|                               | Other Defects or Diseases     | ... | ... | ... | 50                             | 53                                                                             | 21                             | 23                                                                             |

**TABLE III.**—*Numerical Return of all exceptional Children in the area in 1918.*

|                                               |                                        |                                                                      | Boys. | Girls. | Total. |
|-----------------------------------------------|----------------------------------------|----------------------------------------------------------------------|-------|--------|--------|
| BLIND.<br>(including partially blind).        |                                        | Attending Public Elementary<br>Schools ... ..                        | 17    | 18     | 35     |
|                                               |                                        | Attending Certified Schools for the<br>Blind ... ..                  | 3     | 2      | 5      |
|                                               |                                        | Not at School ... ..                                                 | —     | —      | —      |
| DEAF AND DUMB.<br>(including partially deaf). |                                        | Attending Public Elementary<br>Schools ... ..                        | 5     | 12     | 17     |
|                                               |                                        | Attending Certified Schools for the<br>Deaf ... ..                   | 4     | 2      | 6      |
|                                               |                                        | Not at School ... ..                                                 | —     | —      | —      |
| MENTALLY<br>DEFICIENT.                        | Feeble<br>Minded.                      | Attending Public Elementary<br>Schools ... ..                        | 14    | 14     | 28     |
|                                               |                                        | Attending Certified Schools for<br>Mentally Defective Children ...   | 30    | 28     | 58     |
|                                               |                                        | Notified to the Local (Control)<br>Authority during the Year ...     | 3     | 6      | 9      |
|                                               |                                        | Not at School ... ..                                                 | 1     | —      | 1      |
|                                               | Imbeciles.                             | At School ... ..                                                     | —     | —      | —      |
|                                               |                                        | Not at School ... ..                                                 | —     | 2      | 2      |
| Idiots.                                       | ... ..                                 | —                                                                    | —     | —      |        |
|                                               |                                        |                                                                      |       |        |        |
| EPILEPTICS.                                   |                                        | Attending Public Elementary<br>Schools ... ..                        | 31    | 28     | 59     |
|                                               |                                        | Attending Certified Schools for<br>Epileptics... ..                  | 2     | 1      | 3      |
|                                               |                                        | Not at School ... ..                                                 | 1     | 1      | 2      |
| PHYSICALLY<br>DEFECTIVE.                      | *Pulmonary<br>Tuberculosis             | Attending Public Elementary<br>Schools ... ..                        | 31    | 20     | 51     |
|                                               |                                        | Attending Certified Schools for<br>Physically Defective Children ... | —     | —      | —      |
|                                               |                                        | Not at School ... ..                                                 | 9     | 7      | 16     |
|                                               | *Other forms<br>of<br>Tuberculosis.    | Attending Public Elementary<br>Schools ... ..                        | 63    | 50     | 113    |
|                                               |                                        | Attending Certified Schools for<br>Physically Defective Children ... | —     | —      | —      |
|                                               |                                        | Not at School ... ..                                                 | 11    | 17     | 28     |
|                                               | Cripples<br>others than<br>Tubercular. | Attending Public Elementary<br>Schools ... ..                        | 60    | 39     | 99     |
|                                               |                                        | Attending Certified Schools for<br>Physically Defective Children ... | —     | —      | —      |
|                                               |                                        | Not at School ... ..                                                 | 3     | 2      | 5      |

\*Many of these cases show no active signs of disease, but have been notified at some previous period.

TABLE IV.—Treatment of Defects of Children during 1918.

| Condition.            | No. of defects found for which Treatment was considered necessary. |      |        | No. of defects for which no report is available. | No. of defects treated. | Results of treatment. |           |           | No. of defects not treated. | Per-centage of defects treated. |
|-----------------------|--------------------------------------------------------------------|------|--------|--------------------------------------------------|-------------------------|-----------------------|-----------|-----------|-----------------------------|---------------------------------|
|                       | From previous year.                                                | New. | Total. |                                                  |                         | Remedied.             | Improved. | Unchanged |                             |                                 |
| Clothing ...          | —                                                                  | —    | —      | —                                                | —                       | —                     | —         | —         | —                           | —                               |
| Footgear ...          | —                                                                  | —    | —      | —                                                | —                       | —                     | —         | —         | —                           | —                               |
| Cleanliness of Head   | —                                                                  | —    | —      | —                                                | —                       | —                     | —         | —         | —                           | —                               |
| Cleanliness of Body   | —                                                                  | —    | —      | —                                                | —                       | —                     | —         | —         | —                           | —                               |
| Nutrition ...         | 1                                                                  | 2    | 3      | —                                                | 3                       | —                     | 3         | —         | —                           | 100.0                           |
| Nose and Throat...    | 277                                                                | 286  | 563    | —                                                | 231                     | 231                   | —         | —         | 332                         | 41.0                            |
| External Eye Disease  | 16                                                                 | 167  | 183    | —                                                | 165                     | 165                   | 17        | —         | 1                           | 99.4                            |
| Ear Disease ...       | 90                                                                 | 250  | 340    | —                                                | 60                      | 60                    | 262       | —         | 18                          | 94.7                            |
| Teeth ...             | —                                                                  | —    | —      | —                                                | —                       | —                     | —         | —         | —                           | —                               |
| Heart and Circulation | 27                                                                 | 30   | 57     | —                                                | 56                      | 7                     | 4         | 45        | 1                           | 98.2                            |
| Lungs ...             | 22                                                                 | 25   | 47     | —                                                | 47                      | 1                     | 15        | 31        | —                           | 100.0                           |
| Nervous System ...    | 39                                                                 | 29   | 68     | —                                                | 53                      | —                     | 30        | 23        | 15                          | 77.9                            |
| Skin (Tinea) ...      | 35                                                                 | 190  | 225    | —                                                | 225                     | 64                    | 155       | 6         | —                           | 100.0                           |
| Rickets ...           | —                                                                  | —    | —      | —                                                | —                       | —                     | —         | —         | —                           | —                               |
| Deformities ...       | 39                                                                 | 35   | 74     | —                                                | 52                      | —                     | 52        | —         | 22                          | 70.3                            |
| Tuberculosis—         | —                                                                  | —    | —      | —                                                | —                       | —                     | —         | —         | —                           | —                               |
| Non-pulmonary         | 10                                                                 | 11   | 21     | —                                                | 18                      | 3                     | 13        | 2         | 3                           | 85.7                            |
| Speech ...            | —                                                                  | —    | —      | —                                                | —                       | —                     | —         | —         | —                           | —                               |
| Mental Condition      | —                                                                  | —    | —      | —                                                | —                       | —                     | —         | —         | —                           | —                               |
| Vision and Squint (a) | 38                                                                 | 285  | 323    | —                                                | 273                     | 236                   | 37        | —         | 50                          | 84.5                            |
| Broken Spectacles (b) | 60                                                                 | 178  | 238    | —                                                | 229                     | 229                   | —         | —         | 9                           | 96.2                            |
| Hearing ...           | 4                                                                  | 11   | 15     | —                                                | 6                       | —                     | 4         | 2         | 9                           | 40.0                            |
| Miscellaneous ...     | 9                                                                  | 24   | 33     | —                                                | 28                      | 3                     | 25        | —         | 5                           | 84.8                            |
| Total ...             | 667                                                                | 1523 | 2190   | —                                                | 1725                    | 999                   | 617       | 109       | 465                         | 78.7                            |

In several particulars incomplete information prevented the completion of this Table.

# CHILDREN UNDER SCHOOL AGE EXAMINED AT ROUTINE MEDICAL INSPECTION.

| <i>Boys, 19.</i>              |     |     |     |   | <i>Girls, 38.</i>             |     |     |     |    |
|-------------------------------|-----|-----|-----|---|-------------------------------|-----|-----|-----|----|
| Age— $\frac{4}{1\frac{1}{2}}$ | ... | ... | ... | 1 | Age— $\frac{5}{1\frac{1}{2}}$ | ... | ... | ... | 1  |
| 1-2 years                     | ... | ... | ... | 4 | 1-2 years                     | ... | ... | ... | 7  |
| 2-3 „                         | ... | ... | ... | 7 | 2-3 „                         | ... | ... | ... | 6  |
| 3-4 „                         | ... | ... | ... | 6 | 3-4 „                         | ... | ... | ... | 15 |
| 4-5 „                         | ... | ... | ... | 1 | 4-5 „                         | ... | ... | ... | 9  |

## *Defects.*

|                              |                                        |
|------------------------------|----------------------------------------|
| Age—1-2 years—Talipes varus. | Age—1-2 years—Impetigo scalp and face. |
| 2-3 years—Enlarged tonsils.  | 3-4 years—Urticaria.                   |
| Rheumatic pains in legs.     | 4-5 years—Enlarged tonsils.            |
| 4-5 years—Enlarged tonsils.  | Whooping cough.                        |
|                              | Imbecile.                              |

## TABLE V.

### *Inspection, etc., of Children during 1918.*

|                                                                                                                                                                                                        |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| (1) The total number of children medically inspected...                                                                                                                                                | 4702 |
| (2) The number of children in (1) suffering from defects (other than uncleanliness or defective clothing or footgear) who require to be kept under observation (but not referred for treatment) ... .. | 474  |
| (3) The number of children in (1) who were referred for treatment (excluding uncleanliness, defective clothing, etc.) ... ..                                                                           | 947  |



